



REPORT

Development of the Mexico City Schedule for Characterization of Emissions and Performance from Transit Buses

Presented to:

Mexico City Secretariat of Environment (SMA)

Contract: GDF-SMA-GEF-SC-027-04

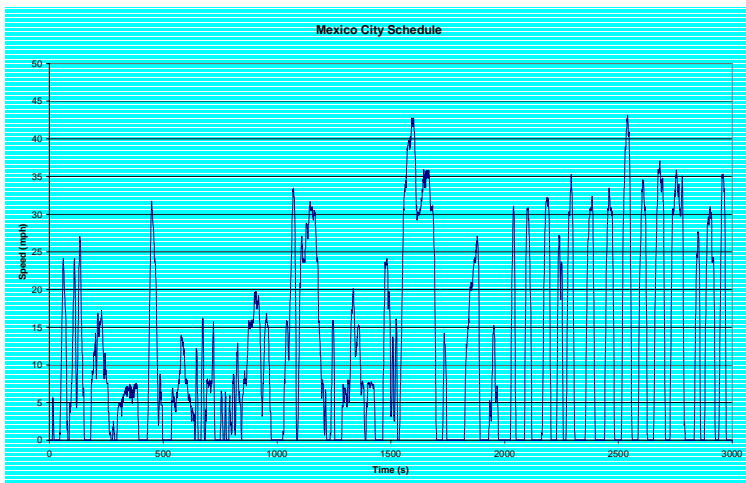
Submitted by:

Center for Alternative Fuels, Engines and Emissions

Department of Mechanical and Aerospace Engineering

West Virginia University

December, 2004



West Virginia University
Center for Alternative Fuels, Engines and Emissions
Dept. of Mechanical and Aerospace Engineering
P.O. Box 6106
Morgantown WV 26506-6106
Web: <http://cafee.wvu.edu/>
Phone: (304) 293-3111 ext 2323
Fax: (304) 293-6689

Objectives

West Virginia University developed a test schedule representative of bus use in Mexico City. The requirements of this schedule, as stated by the sponsors, are that it represent low-speed, medium-speed and high-speed operation of the vehicles (denoted MX1, MX2 and MX3), in a way similar to the European Transient Cycle (ETC). The intention was that the low-speed section represent present-day rush-hour traffic, the medium-speed section represent present-day traffic (non-rush hour) and the high-speed section represent future corridor operation.

Introduction

Prior to conducting an evaluation of emissions and performance of transit buses in Mexico City, West Virginia University researchers were required to develop a speed-time test schedule that would be representative of transit bus operation over the city's transit routes. WVU instrumented several buses operating on different bus routes with global positioning devices and gathered speed-time data from over 50 hours of operation. This data was then filtered to produce an array of microtrips which were then randomly combined to form test cycles. WVU selected three cycles, each with a duration of 1000 seconds, which best represented the speed-time characteristics of selected sections of the overall data set. Cycle MX1 represented low-speed operation, MX2 represented medium-speed operation and MX3 represented transit bus behavior when utilizing specific "bus only" traffic lanes, associated with Bus Rapid Transit (BRT). The three cycles were combined to form the Mexico City Schedule (MCS).

Acquisition of Data

To generate the cycles, a representative speed-time dataset of transit bus operation in Mexico City was required. WVU fitted global positioning system (GPS) data loggers (Figure 1) to three buses that were then operated over their normal transit routes between September 2nd and 7th 2004. These GPS loggers recorded several parameters including vehicle position (latitude and longitude), speed and altitude, as well as GPS signal quality (inferred from the number of satellites available). A total of 54 hours of useable data was collected. Data was downloaded from each unit and consolidated with data from the other loggers to form the Standard data set. A sample of the Standard data set is shown in Figure 2.



Figure 1 - Data logging power adapter, recording module and antenna

Data representative of operation utilizing the future high speed (transit bus only) traffic lanes was collected differently than that of the Standard data set. Since these lane restrictions were not in place at the time the data was being gathered, a private vehicle was operated over the corridor route. During this collection period, the vehicle was operated in a manner to mimic closely transit bus operation by stopping at bus stops for passenger pick up / drop off and traffic signals and observing reduced acceleration rates. This data was consolidated into the Corridor data set.

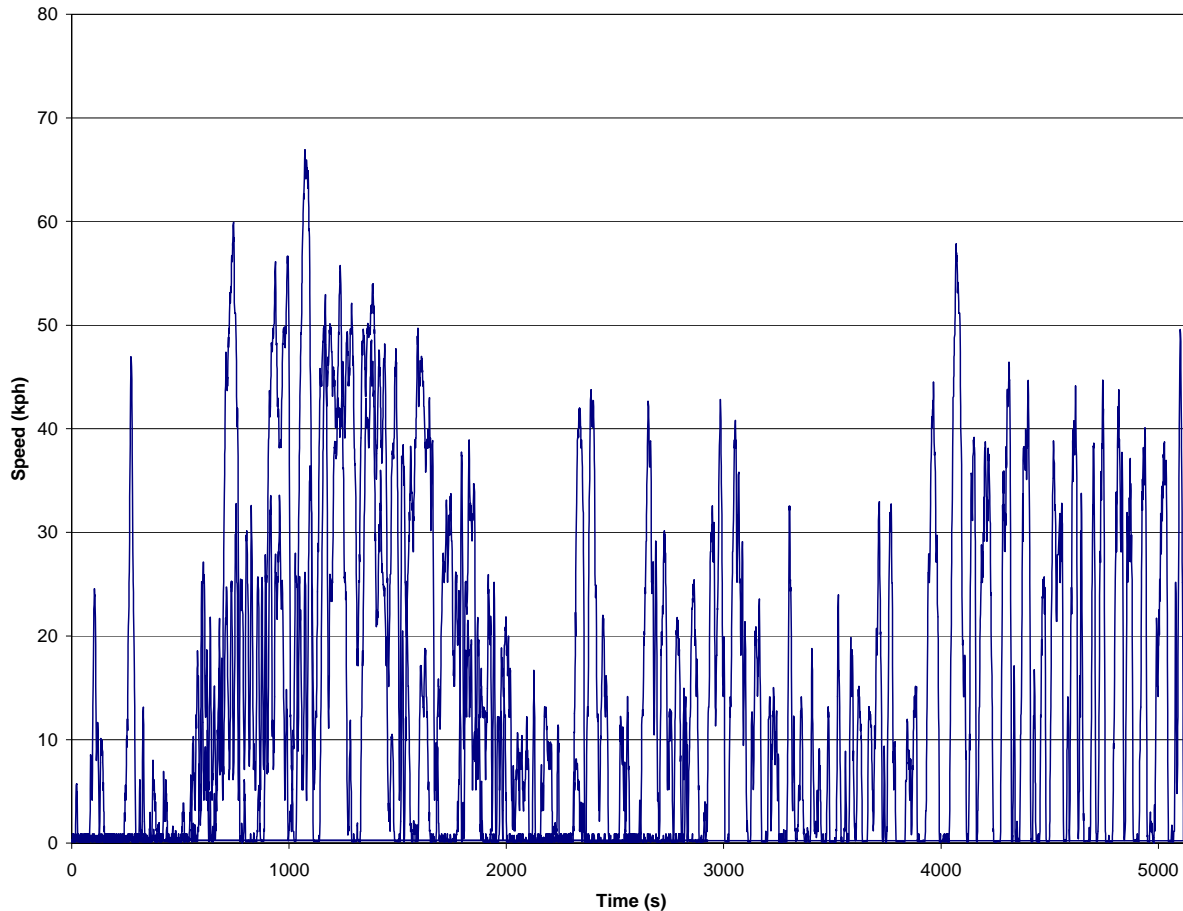


Figure 2 - Sample of GPS speed data recorded over standard bus routes

Data Analysis and Cycle Generation

The first task in developing the representative cycles was to remove inappropriate data from each data set and break each data set into an array of microtrips (time periods where the vehicle traveled some distance followed by variable length of idling). Each microtrip was considered as a data point with an average vehicle speed and standard deviation of speed. Maps showing data points from the three bus routes are shown in Appendix A.

Data Filtering

GPS loggers rely on at least three satellites being visible to triangulate a position and their ability to determine position will be affected by any barriers that block satellite signals such as bridge overpasses and dense tall structures. Each data set was analyzed to reveal where these gaps appeared and, when discovered, the microtrip that contained the gap was invalidated and removed from overall data set statistics and from consideration in assembling cycles. Once the data had been filtered, the Standard data set contained a total of 4769 microtrips with an average speed distribution shown in Figure 3.

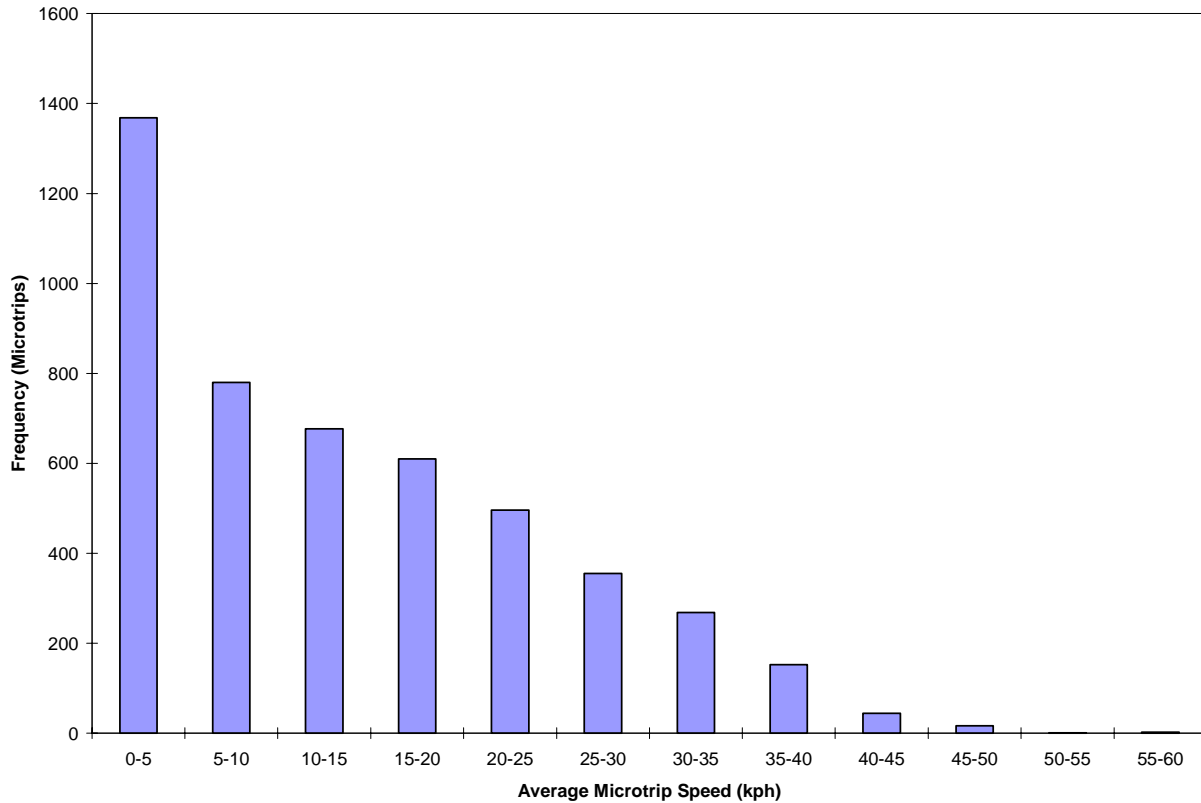


Figure 3 - Distribution of average microtrip speed from Standard sample set

Statistical Analysis and Microtrip Categorization

Once the incomplete microtrips were removed from the Standard data set, statistical analysis could be performed to determine the average speed, average speed squared, standard deviation of speed and standard deviation of speed squared (Table 1 – Statistical properties of data sets). Note that the instantaneous speed squared represents the vehicle specific energy.

Initially, the strategy was to split the data using rush-hour and non rush-hour time periods to generate the low (MX1) and medium (MX2) speed data sets. However, upon initial examination of this data set, it was determined that time of day had little effect on average speed (less than 1 kph difference). Since this would not subdivide the available microtrips into subsets representative of low and medium speed operation, a decision was made to use the microtrips having average speeds falling in lower 75th percentile to represent low speed operation and those having average speeds falling in the upper 75th percentile to represent medium speed operation.

| | Average Speed kph (mph) | Average Speed Squared kph ² (mph ²) | Standard Deviation of Speed kph (mph) | Standard Deviation of Speed Squared kph ² (mph ²) |
|--------------------------------|----------------------------|---|--|---|
| Standard Data Set | 18.1 (11.2) | 626.2 (240.7) | 17.2 (10.7) | 896.7 (345.0) |
| Lower 75% of Standard Data Set | 11.0 (6.8) | 266.6 (102.5) | 12.1 (7.5) | 450.7 (173.2) |
| Upper 75% of Standard Data Set | 20.3 (12.6) | 711.5 (273.5) | 17.3 (10.7) | 926.1 (356.0) |
| Corridor Data Set | 22.5 (13.7) | 1011.0 (376.2) | 22.6 (13.8) | 1236.5 (460.1) |

Table 1 – Statistical properties of data sets

Final construction of the MX1 cycle was accomplished by randomly selecting microtrips in the lower 75% of the Standard data set and assembling those microtrips to form 100 cycles, each approximately 1000 seconds long. For each of these cycles, the average and standard deviation of speed and speed squared were calculated and compared to those of the lower 75% of the Standard data set using the minimization function in Table 2. The cycle with the lowest minimization function was selected as MX1.

| | |
|--|--|
| $m_v = \left[\frac{(\bar{v})_{Cycle} - (\bar{v})_{Dataset}}{(\bar{v})_{Dataset}} \right]$ | $m_\sigma = \left[\frac{(\bar{\sigma})_{Cycle} - (\bar{\sigma})_{Dataset}}{(\bar{\sigma})_{Dataset}} \right]$ |
| $m_{v^2} = \left[\frac{(\bar{v}^2)_{Cycle} - (\bar{v}^2)_{Dataset}}{(\bar{v}^2)_{Dataset}} \right]$ | $m_{\sigma^2} = \left[\frac{(\bar{\sigma}^2)_{Cycle} - (\bar{\sigma}^2)_{Dataset}}{(\bar{\sigma}^2)_{Dataset}} \right]$ |
| $m = \sqrt{m_v^2 + m_\sigma^2 + m_{v^2}^2 + m_{\sigma^2}^2}$ | |

Table 2 - Minimization function equations

The same methodology was applied using the upper 75% of the Standard data set and the Corridor data set to produce MX2 and MX3 respectively. MX1, MX2 and MX3 were then joined to form the Mexico City Schedule.

A final statistical analysis of the Mexico City Schedule and each of its sections (MX1, MX2 and MX3) are presented in Table 3 along with statistical analysis of the European Transient, Orange County Transit Authority, Manhattan cycles and the US Urban Dynamometer Driving Schedule.

| Cycle | Average Speed kph (mph) | Average Speed Squared kph ² (mph ²) | Standard Deviation of Speed kph (mph) | Standard Deviation of Speed Squared kph ² (mph ²) |
|-----------|----------------------------|---|--|---|
| MX1 | 11.5 (7.0) | 258.0 (99.2) | 11.2 (6.9) | 418.0 (160.7) |
| MX2 | 20.6 (12.8) | 842.8 (324.0) | 20.5 (12.7) | 1164.0 (447.5) |
| MX3 | 21.7 (13.5) | 996.8 (383.2) | 22.9 (14.2) | 1223.5 (470.3) |
| MCS | 18.0 (11.2) | 699.7 (277.9) | 19.4 (12.0) | 1053.5 (405.0) |
| ETC | 59.0 (36.6) | 4302 (1654) | 28.7 (17.8) | 2909 (1118) |
| OCTA | 18.7 (11.6) | 632.3 (243.1) | 16.8 (10.4) | 754.9 (290.2) |
| Manhattan | 10.9 (6.8) | 260.2 (100) | 11.9 (7.4) | 385.1 (148.0) |
| UDDS | 30.4 (18.8) | 1950 (749.6) | 320 (198.4) | 2725 (1047.5) |

Table 3 – Statistical properties of cycles

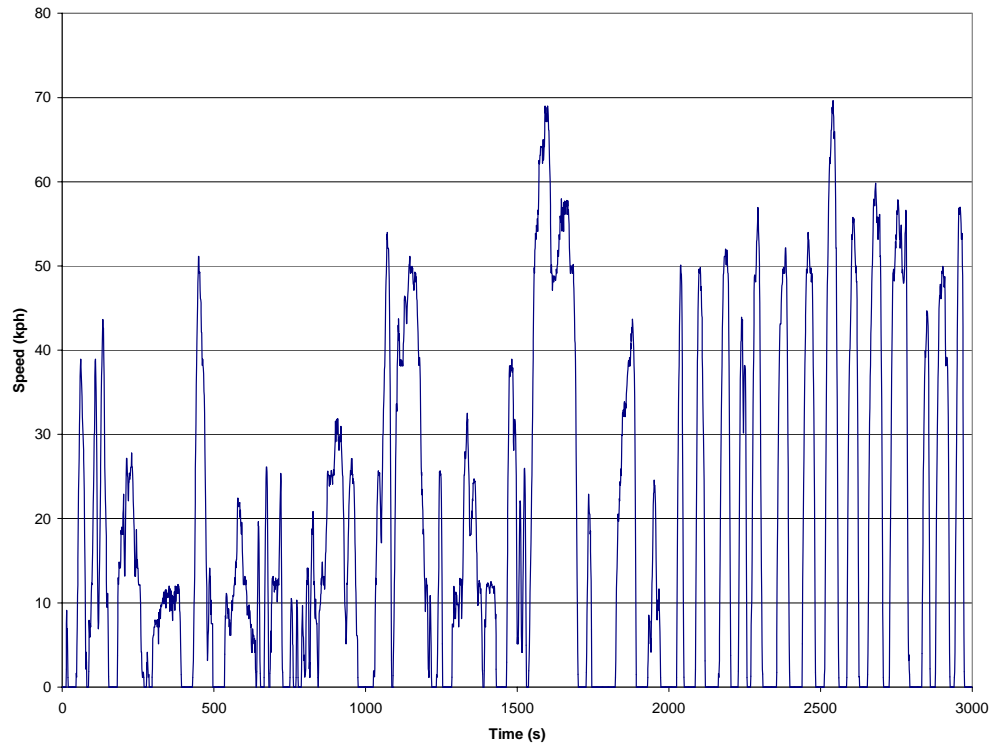


Figure 4 - Mexico City Schedule (MCS)

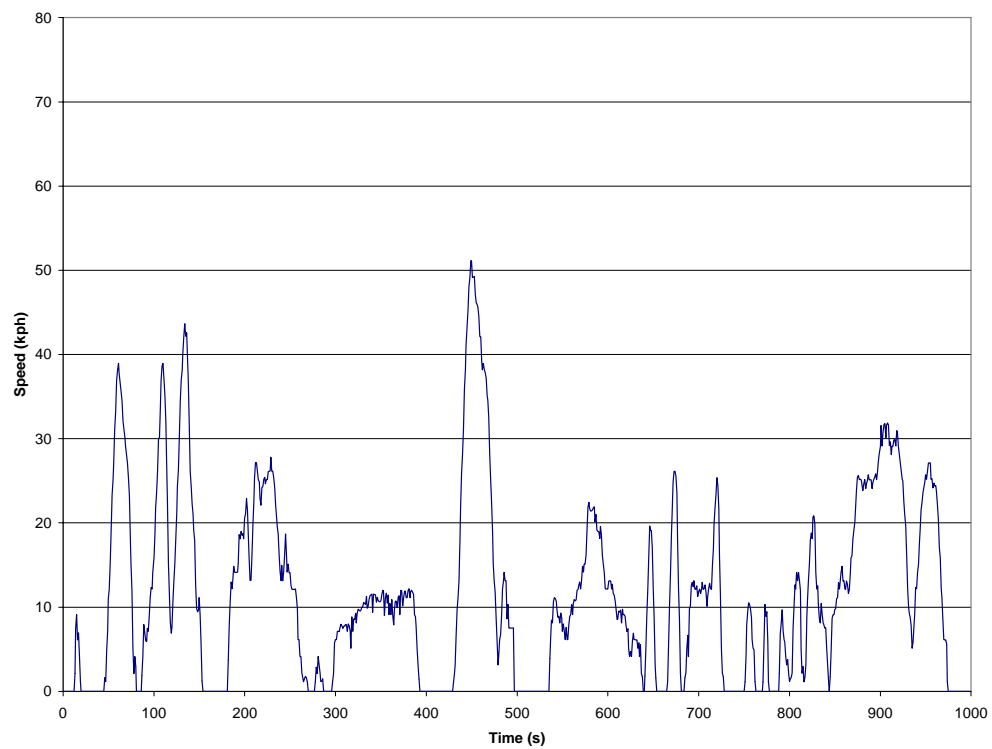


Figure 5 - Low speed section of the MCS (MX1)

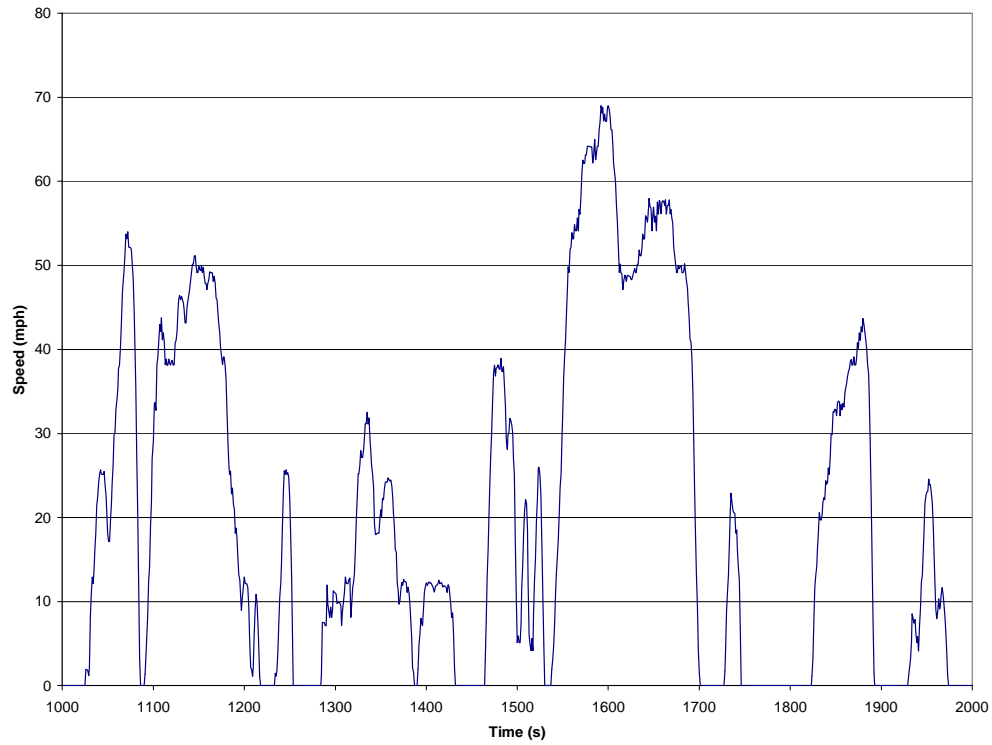


Figure 6 - Medium speed section of the MCS (MX2)

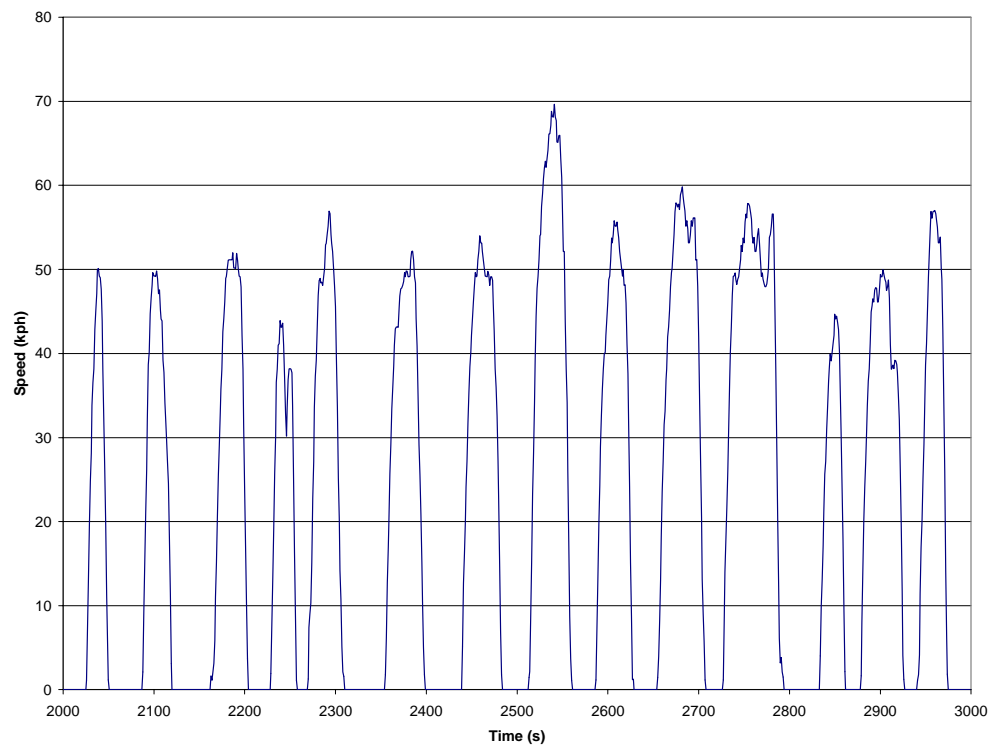
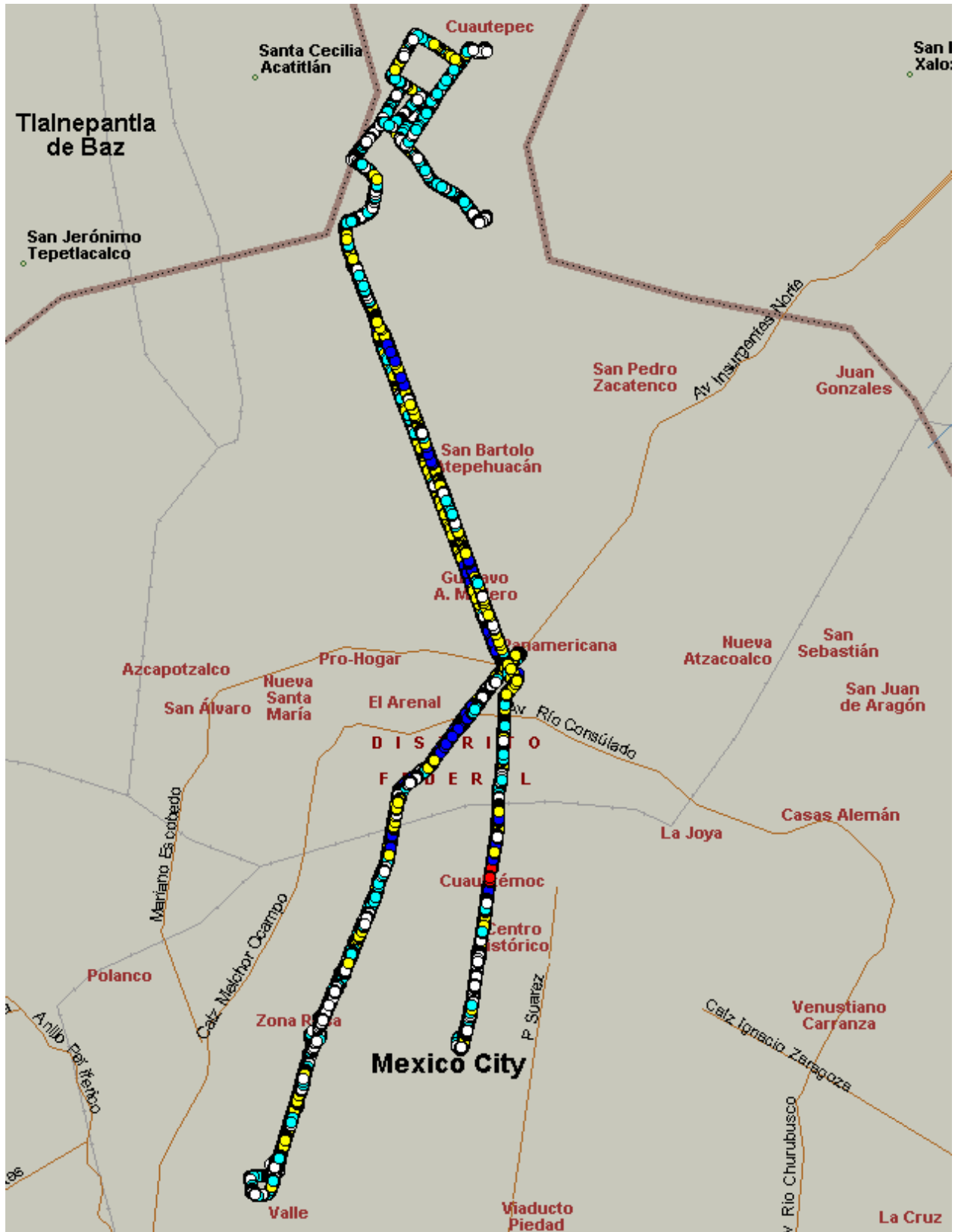
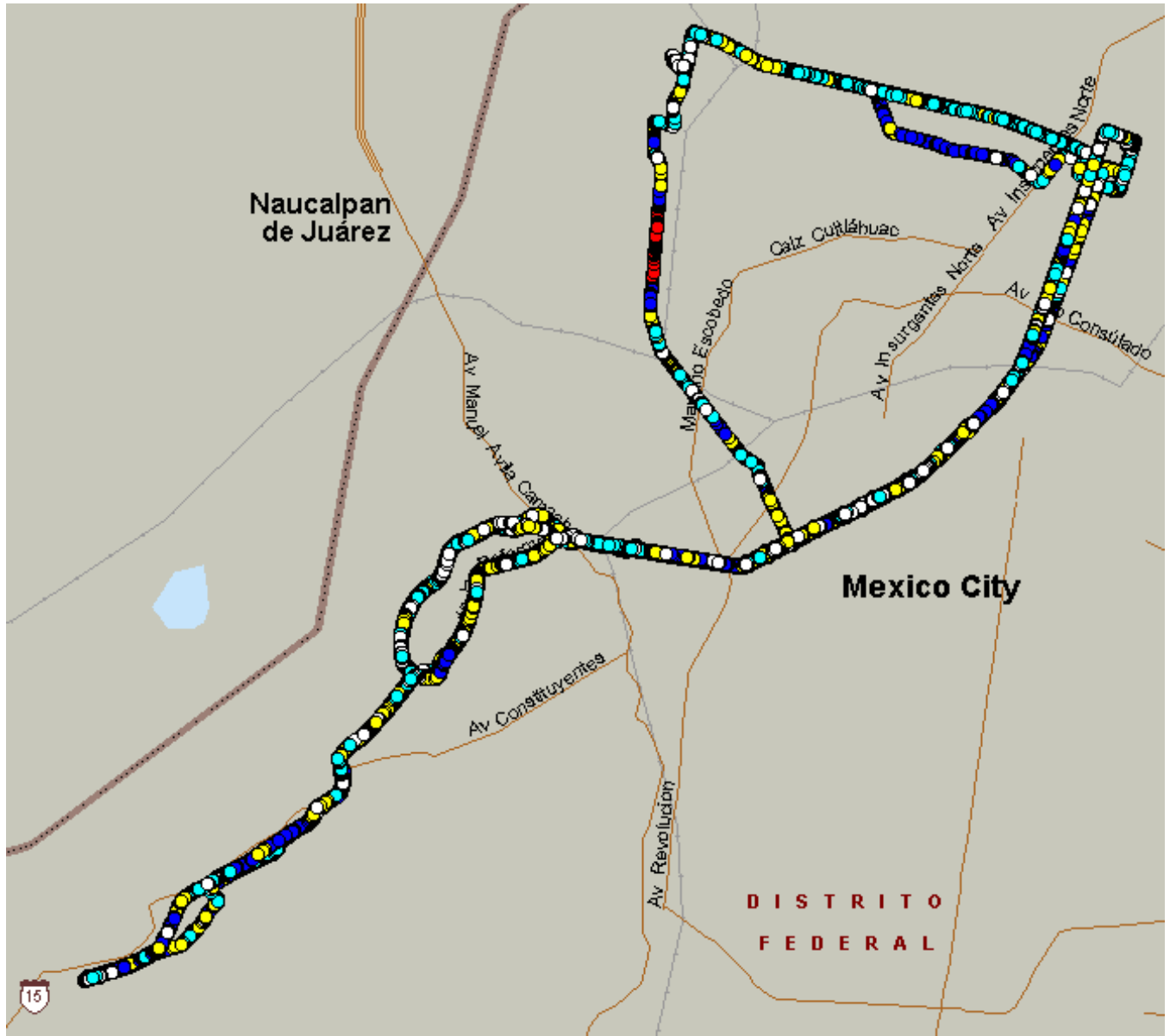


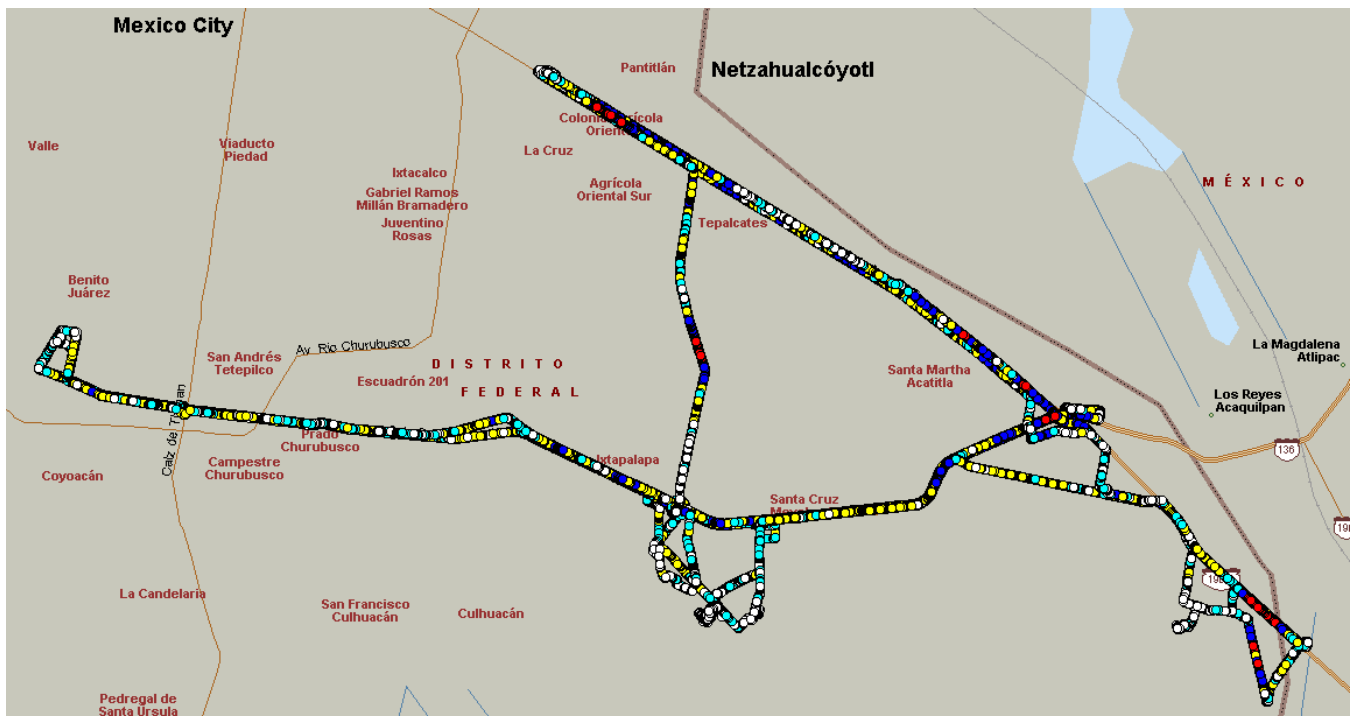
Figure 7 - Corridor (high speed) section of the MCS (MX3)

Appendix A – Maps

The following images show actual time-speed traces from which the Mexico City driving schedule was derived. The various colors (shades) of the data points denote the various speeds at which the vehicle was traveling.







Appendix B

Data table containing speed-time trace from Mexico City Schedule. The MX1 cycle begins at 0 seconds and ends at 999 seconds, MX2 begins at 1000 seconds and ends at 1999 seconds, and MX3 begins at 2000 seconds and ends at 2999 seconds.

| Time (s) | Speed (kph) | Speed (mph) | Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|----------|-------------|-------------|
| 0 | 0 | 0 | 45 | 0 | 0 |
| 1 | 0 | 0 | 46 | 1.629 | 1.00998 |
| 2 | 0 | 0 | 47 | 1.172 | 0.72664 |
| 3 | 0 | 0 | 48 | 4.833 | 2.99646 |
| 4 | 0 | 0 | 49 | 7.103 | 4.40386 |
| 5 | 0 | 0 | 50 | 10.962 | 6.79644 |
| 6 | 0 | 0 | 51 | 12.136 | 7.52432 |
| 7 | 0 | 0 | 52 | 15.105 | 9.3651 |
| 8 | 0 | 0 | 53 | 19.109 | 11.84758 |
| 9 | 0 | 0 | 54 | 23.351 | 14.47762 |
| 10 | 0 | 0 | 55 | 25.133 | 15.58246 |
| 11 | 0 | 0 | 56 | 27.177 | 16.84974 |
| 12 | 0 | 0 | 57 | 31.103 | 19.28386 |
| 13 | 2.122 | 1.31564 | 58 | 33.127 | 20.53874 |
| 14 | 7.462 | 4.62644 | 59 | 36.887 | 22.86994 |
| 15 | 9.112 | 5.64944 | 60 | 38.155 | 23.6561 |
| 16 | 6.101 | 3.78262 | 61 | 38.943 | 24.14466 |
| 17 | 6.944 | 4.30528 | 62 | 37.739 | 23.39818 |
| 18 | 4.153 | 2.57486 | 63 | 36.665 | 22.7323 |
| 19 | 1.137 | 0.70494 | 64 | 35.61 | 22.0782 |
| 20 | 0 | 0 | 65 | 34.499 | 21.38938 |
| 21 | 0 | 0 | 66 | 32.101 | 19.90262 |
| 22 | 0 | 0 | 67 | 31.129 | 19.29998 |
| 23 | 0 | 0 | 68 | 30.136 | 18.68432 |
| 24 | 0 | 0 | 69 | 29.105 | 18.0451 |
| 25 | 0 | 0 | 70 | 28.109 | 17.42758 |
| 26 | 0 | 0 | 71 | 27.101 | 16.80262 |
| 27 | 0 | 0 | 72 | 25.351 | 15.71762 |
| 28 | 0 | 0 | 73 | 23.24 | 14.4088 |
| 29 | 0 | 0 | 74 | 18.133 | 11.24246 |
| 30 | 0 | 0 | 75 | 15.148 | 9.39176 |
| 31 | 0 | 0 | 76 | 11.944 | 7.40528 |
| 32 | 0 | 0 | 77 | 5.114 | 3.17068 |
| 33 | 0 | 0 | 78 | 2.124 | 1.31688 |
| 34 | 0 | 0 | 79 | 4.124 | 2.55688 |
| 35 | 0 | 0 | 80 | 2.925 | 1.8135 |
| 36 | 0 | 0 | 81 | 0 | 0 |
| 37 | 0 | 0 | 82 | 0 | 0 |
| 38 | 0 | 0 | 83 | 0 | 0 |
| 39 | 0 | 0 | 84 | 0 | 0 |
| 40 | 0 | 0 | 85 | 0 | 0 |
| 41 | 0 | 0 | 86 | 0 | 0 |
| 42 | 0 | 0 | 87 | 1.851 | 1.14762 |
| 43 | 0 | 0 | 88 | 4.142 | 2.56804 |
| 44 | 0 | 0 | 89 | 7.944 | 4.92528 |
| | | | 90 | 6.981 | 4.32822 |
| | | | 91 | 5.999 | 3.71938 |
| | | | 92 | 5.925 | 3.6735 |
| | | | 93 | 7.462 | 4.62644 |
| | | | 94 | 7.109 | 4.40758 |
| | | | 95 | 8.925 | 5.5335 |
| | | | 96 | 11.11 | 6.8882 |
| | | | 97 | 12.351 | 7.65762 |

| Time (s) | Speed (kph) | Speed (mph) | Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|----------|-------------|-------------|
| 98 | 12.153 | 7.53486 | 151 | 9.101 | 5.64262 |
| 99 | 14.118 | 8.75316 | 152 | 5.647 | 3.50114 |
| 100 | 15.925 | 9.8735 | 153 | 1.24 | 0.7688 |
| 101 | 18.851 | 11.68762 | 154 | 0 | 0 |
| 102 | 21.832 | 13.53584 | 155 | 0 | 0 |
| 103 | 23.573 | 14.61526 | 156 | 0 | 0 |
| 104 | 26.136 | 16.20432 | 157 | 0 | 0 |
| 105 | 29.98 | 18.5876 | 158 | 0 | 0 |
| 106 | 30.146 | 18.69052 | 159 | 0 | 0 |
| 107 | 33.999 | 21.07938 | 160 | 0 | 0 |
| 108 | 36.887 | 22.86994 | 161 | 0 | 0 |
| 109 | 38.61 | 23.9382 | 162 | 0 | 0 |
| 110 | 38.924 | 24.13288 | 163 | 0 | 0 |
| 111 | 37.101 | 23.00262 | 164 | 0 | 0 |
| 112 | 35.107 | 21.76634 | 165 | 0 | 0 |
| 113 | 31.943 | 19.80466 | 166 | 0 | 0 |
| 114 | 27.832 | 17.25584 | 167 | 0 | 0 |
| 115 | 22.258 | 13.79996 | 168 | 0 | 0 |
| 116 | 15.161 | 9.39982 | 169 | 0 | 0 |
| 117 | 11.499 | 7.12938 | 170 | 0 | 0 |
| 118 | 8.114 | 5.03068 | 171 | 0 | 0 |
| 119 | 6.907 | 4.28234 | 172 | 0 | 0 |
| 120 | 7.647 | 4.74114 | 173 | 0 | 0 |
| 121 | 10.647 | 6.60114 | 174 | 0 | 0 |
| 122 | 13.125 | 8.1375 | 175 | 0 | 0 |
| 123 | 15.142 | 9.38804 | 176 | 0 | 0 |
| 124 | 18.12 | 11.2344 | 177 | 0 | 0 |
| 125 | 21.109 | 13.08758 | 178 | 0 | 0 |
| 126 | 24.332 | 15.08584 | 179 | 0 | 0 |
| 127 | 26.17 | 16.2254 | 180 | 0 | 0 |
| 128 | 30.103 | 18.66386 | 181 | 0 | 0 |
| 129 | 34.461 | 21.36582 | 182 | 3.722 | 2.30764 |
| 130 | 36.998 | 22.93876 | 183 | 7.851 | 4.86762 |
| 131 | 38.138 | 23.64556 | 184 | 10.666 | 6.61292 |
| 132 | 40.153 | 24.89486 | 185 | 12.981 | 8.04822 |
| 133 | 42.142 | 26.12804 | 186 | 12.185 | 7.5547 |
| 134 | 43.628 | 27.04936 | 187 | 13.12 | 8.1344 |
| 135 | 42.153 | 26.13486 | 188 | 14.851 | 9.20762 |
| 136 | 42.591 | 26.40642 | 189 | 14.14 | 8.7668 |
| 137 | 39.112 | 24.24944 | 190 | 14.135 | 8.7637 |
| 138 | 36.943 | 22.90466 | 191 | 14.118 | 8.75316 |
| 139 | 31.813 | 19.72406 | 192 | 14.168 | 8.78416 |
| 140 | 26.142 | 16.20804 | 193 | 15.138 | 9.38556 |
| 141 | 24.406 | 15.13172 | 194 | 18.61 | 11.5382 |
| 142 | 22.295 | 13.8229 | 195 | 18.138 | 11.24556 |
| 143 | 20.999 | 13.01938 | 196 | 18.98 | 11.7676 |
| 144 | 19.109 | 11.84758 | 197 | 18.518 | 11.48116 |
| 145 | 17.925 | 11.1135 | 198 | 18.721 | 11.60702 |
| 146 | 12.647 | 7.84114 | 199 | 18.136 | 11.24432 |
| 147 | 9.87 | 6.1194 | 200 | 20.573 | 12.75526 |
| 148 | 9.462 | 5.86644 | 201 | 21.105 | 13.0851 |
| 149 | 9.647 | 5.98114 | 202 | 22.888 | 14.19056 |
| 150 | 11.129 | 6.89998 | 203 | 21.48 | 13.3176 |

| Time (s) | Speed (kph) | Speed (mph) | Time (s) | Speed (kph) | Speed (mph) |
|-----------------|--------------------|--------------------|-----------------|--------------------|--------------------|
| 204 | 18.131 | 11.24122 | 257 | 11.11 | 6.8882 |
| 205 | 15.962 | 9.89644 | 258 | 9.814 | 6.08468 |
| 206 | 13.164 | 8.16168 | 259 | 6.133 | 3.80246 |
| 207 | 13.175 | 8.1685 | 260 | 6.131 | 3.80122 |
| 208 | 16.118 | 9.99316 | 261 | 4.142 | 2.56804 |
| 209 | 19.758 | 12.24996 | 262 | 4.124 | 2.55688 |
| 210 | 22.61 | 14.0182 | 263 | 2.135 | 1.3237 |
| 211 | 25.277 | 15.67174 | 264 | 1.574 | 0.97588 |
| 212 | 27.17 | 16.8454 | 265 | 1.122 | 0.69564 |
| 213 | 27.172 | 16.84664 | 266 | 1.499 | 0.92938 |
| 214 | 26.12 | 16.1944 | 267 | 1.759 | 1.09058 |
| 215 | 25.124 | 15.57688 | 268 | 1.629 | 1.00998 |
| 216 | 24.869 | 15.41878 | 269 | 1.129 | 0.69998 |
| 217 | 22.98 | 14.2476 | 270 | 0 | 0 |
| 218 | 22.122 | 13.71564 | 271 | 0 | 0 |
| 219 | 24.203 | 15.00586 | 272 | 0 | 0 |
| 220 | 24.295 | 15.0629 | 273 | 0 | 0 |
| 221 | 25.202 | 15.62524 | 274 | 0 | 0 |
| 222 | 25.425 | 15.7635 | 275 | 0 | 0 |
| 223 | 24.647 | 15.28114 | 276 | 0 | 0 |
| 224 | 25.146 | 15.59052 | 277 | 0 | 0 |
| 225 | 25.151 | 15.59362 | 278 | 1.107 | 0.68634 |
| 226 | 26.105 | 16.1851 | 279 | 2.888 | 1.79056 |
| 227 | 26.142 | 16.20804 | 280 | 2.109 | 1.30758 |
| 228 | 26.164 | 16.22168 | 281 | 4.109 | 2.54758 |
| 229 | 27.814 | 17.24468 | 282 | 3.114 | 1.93068 |
| 230 | 26.153 | 16.21486 | 283 | 2.107 | 1.30634 |
| 231 | 26.142 | 16.20804 | 284 | 1.185 | 0.7347 |
| 232 | 25.369 | 15.72878 | 285 | 1.166 | 0.72292 |
| 233 | 24.24 | 15.0288 | 286 | 1.462 | 0.90644 |
| 234 | 22.103 | 13.70386 | 287 | 0 | 0 |
| 235 | 21.116 | 13.09192 | 288 | 0 | 0 |
| 236 | 19.61 | 12.1582 | 289 | 0 | 0 |
| 237 | 18.647 | 11.56114 | 290 | 0 | 0 |
| 238 | 16.14 | 10.0068 | 291 | 0 | 0 |
| 239 | 14.168 | 8.78416 | 292 | 0 | 0 |
| 240 | 13.144 | 8.14928 | 293 | 0 | 0 |
| 241 | 14.962 | 9.27644 | 294 | 0 | 0 |
| 242 | 13.162 | 8.16044 | 295 | 0 | 0 |
| 243 | 14.172 | 8.78664 | 296 | 0 | 0 |
| 244 | 16.142 | 10.00804 | 297 | 1.166 | 0.72292 |
| 245 | 18.666 | 11.57292 | 298 | 2.114 | 1.31068 |
| 246 | 16.118 | 9.99316 | 299 | 5.759 | 3.57058 |
| 247 | 14.168 | 8.78416 | 300 | 6.124 | 3.79688 |
| 248 | 15.101 | 9.36262 | 301 | 6.133 | 3.80246 |
| 249 | 14.101 | 8.74262 | 302 | 7.111 | 4.40882 |
| 250 | 14.101 | 8.74262 | 303 | 7.138 | 4.42556 |
| 251 | 12.555 | 7.7841 | 304 | 7.103 | 4.40386 |
| 252 | 12.12 | 7.5144 | 305 | 7.555 | 4.6841 |
| 253 | 12.103 | 7.50386 | 306 | 7.981 | 4.94822 |
| 254 | 12.125 | 7.5175 | 307 | 7.796 | 4.83352 |
| 255 | 12.101 | 7.50262 | 308 | 7.481 | 4.63822 |
| 256 | 12.161 | 7.53982 | 309 | 7.722 | 4.78764 |

| Time (s) | Speed (kph) | Speed (mph) | Time (s) | Speed (kph) | Speed (mph) |
|-----------------|--------------------|--------------------|-----------------|--------------------|--------------------|
| 310 | 7.74 | 4.7988 | 363 | 8.999 | 5.57938 |
| 311 | 7.944 | 4.92528 | 364 | 7.907 | 4.90234 |
| 312 | 7.944 | 4.92528 | 365 | 9.536 | 5.91232 |
| 313 | 7.112 | 4.40944 | 366 | 10.703 | 6.63586 |
| 314 | 7.999 | 4.95938 | 367 | 10.684 | 6.62408 |
| 315 | 7.777 | 4.82174 | 368 | 9.962 | 6.17644 |
| 316 | 7.114 | 4.41068 | 369 | 11.221 | 6.95702 |
| 317 | 5.131 | 3.18122 | 370 | 11.333 | 7.02646 |
| 318 | 8.833 | 5.47646 | 371 | 9.125 | 5.6575 |
| 319 | 7.116 | 4.41192 | 372 | 11.999 | 7.43938 |
| 320 | 8.573 | 5.31526 | 373 | 11.925 | 7.3935 |
| 321 | 8.536 | 5.29232 | 374 | 10.109 | 6.26758 |
| 322 | 9.277 | 5.75174 | 375 | 11.101 | 6.88262 |
| 323 | 8.118 | 5.03316 | 376 | 11.87 | 7.3594 |
| 324 | 9.296 | 5.76352 | 377 | 11.925 | 7.3935 |
| 325 | 9.74 | 6.0388 | 378 | 11.107 | 6.88634 |
| 326 | 9.629 | 5.96998 | 379 | 11.103 | 6.88386 |
| 327 | 9.518 | 5.90116 | 380 | 11.981 | 7.42822 |
| 328 | 9.684 | 6.00408 | 381 | 12.184 | 7.55408 |
| 329 | 9.981 | 6.18822 | 382 | 11.103 | 6.88386 |
| 330 | 9.999 | 6.19938 | 383 | 11.87 | 7.3594 |
| 331 | 10.573 | 6.55526 | 384 | 11.999 | 7.43938 |
| 332 | 10.462 | 6.48644 | 385 | 11.758 | 7.28996 |
| 333 | 10.333 | 6.40646 | 386 | 11.536 | 7.15232 |
| 334 | 11.277 | 6.99174 | 387 | 9.124 | 5.65688 |
| 335 | 9.888 | 6.13056 | 388 | 8.833 | 5.47646 |
| 336 | 10.103 | 6.26386 | 389 | 7.703 | 4.77586 |
| 337 | 10.925 | 6.7735 | 390 | 5.137 | 3.18494 |
| 338 | 11.333 | 7.02646 | 391 | 3.164 | 1.96168 |
| 339 | 11.462 | 7.10644 | 392 | 1.499 | 0.92938 |
| 340 | 11.536 | 7.15232 | 393 | 0 | 0 |
| 341 | 9.388 | 5.82056 | 394 | 0 | 0 |
| 342 | 11.555 | 7.1641 | 395 | 0 | 0 |
| 343 | 11.518 | 7.14116 | 396 | 0 | 0 |
| 344 | 11.481 | 7.11822 | 397 | 0 | 0 |
| 345 | 10.592 | 6.56704 | 398 | 0 | 0 |
| 346 | 11.166 | 6.92292 | 399 | 0 | 0 |
| 347 | 10.814 | 6.70468 | 400 | 0 | 0 |
| 348 | 10.647 | 6.60114 | 401 | 0 | 0 |
| 349 | 10.629 | 6.58998 | 402 | 0 | 0 |
| 350 | 10.777 | 6.68174 | 403 | 0 | 0 |
| 351 | 11.518 | 7.14116 | 404 | 0 | 0 |
| 352 | 11.981 | 7.42822 | 405 | 0 | 0 |
| 353 | 11.925 | 7.3935 | 406 | 0 | 0 |
| 354 | 8.999 | 5.57938 | 407 | 0 | 0 |
| 355 | 11.11 | 6.8882 | 408 | 0 | 0 |
| 356 | 11.647 | 7.22114 | 409 | 0 | 0 |
| 357 | 10.499 | 6.50938 | 410 | 0 | 0 |
| 358 | 11.407 | 7.07234 | 411 | 0 | 0 |
| 359 | 9.125 | 5.6575 | 412 | 0 | 0 |
| 360 | 10.425 | 6.4635 | 413 | 0 | 0 |
| 361 | 9.109 | 5.64758 | 414 | 0 | 0 |
| 362 | 10.907 | 6.76234 | 415 | 0 | 0 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 416 | 0 | 0 |
| 417 | 0 | 0 |
| 418 | 0 | 0 |
| 419 | 0 | 0 |
| 420 | 0 | 0 |
| 421 | 0 | 0 |
| 422 | 0 | 0 |
| 423 | 0 | 0 |
| 424 | 0 | 0 |
| 425 | 0 | 0 |
| 426 | 0 | 0 |
| 427 | 0 | 0 |
| 428 | 0 | 0 |
| 429 | 0 | 0 |
| 430 | 1.127 | 0.69874 |
| 431 | 2.137 | 1.32494 |
| 432 | 3.124 | 1.93688 |
| 433 | 6.592 | 4.08704 |
| 434 | 9.629 | 5.96998 |
| 435 | 11.103 | 6.88386 |
| 436 | 13.146 | 8.15052 |
| 437 | 17.925 | 11.1135 |
| 438 | 21.851 | 13.54762 |
| 439 | 25.888 | 16.05056 |
| 440 | 28.127 | 17.43874 |
| 441 | 31.142 | 19.30804 |
| 442 | 35.924 | 22.27288 |
| 443 | 38.129 | 23.63998 |
| 444 | 41.107 | 25.48634 |
| 445 | 43.125 | 26.7375 |
| 446 | 45.122 | 27.97564 |
| 447 | 47.998 | 29.75876 |
| 448 | 49.125 | 30.4575 |
| 449 | 51.14 | 31.7068 |
| 450 | 51.148 | 31.71176 |
| 451 | 49.162 | 30.48044 |
| 452 | 49.157 | 30.47734 |
| 453 | 49.257 | 30.53934 |
| 454 | 47.105 | 29.2051 |
| 455 | 46.114 | 28.59068 |
| 456 | 45.998 | 28.51876 |
| 457 | 45.609 | 28.27758 |
| 458 | 44.517 | 27.60054 |
| 459 | 42.131 | 26.12122 |
| 460 | 42.105 | 26.1051 |
| 461 | 39.148 | 24.27176 |
| 462 | 38.161 | 23.65982 |
| 463 | 38.943 | 24.14466 |
| 464 | 38.221 | 23.69702 |
| 465 | 37.85 | 23.467 |
| 466 | 37.184 | 23.05408 |
| 467 | 35.112 | 21.76944 |
| 468 | 34.591 | 21.44642 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 469 | 32.499 | 20.14938 |
| 470 | 28.114 | 17.43068 |
| 471 | 25.122 | 15.57564 |
| 472 | 22.258 | 13.79996 |
| 473 | 18.869 | 11.69878 |
| 474 | 15.157 | 9.39734 |
| 475 | 13.112 | 8.12944 |
| 476 | 11.758 | 7.28996 |
| 477 | 8.759 | 5.43058 |
| 478 | 5.999 | 3.71938 |
| 479 | 3.164 | 1.96168 |
| 480 | 4.151 | 2.57362 |
| 481 | 6.129 | 3.79998 |
| 482 | 6.722 | 4.16764 |
| 483 | 8.888 | 5.51056 |
| 484 | 12.185 | 7.5547 |
| 485 | 13.124 | 8.13688 |
| 486 | 14.122 | 8.75564 |
| 487 | 13.159 | 8.15858 |
| 488 | 13.138 | 8.14556 |
| 489 | 8.629 | 5.34998 |
| 490 | 10.333 | 6.40646 |
| 491 | 7.518 | 4.66116 |
| 492 | 7.518 | 4.66116 |
| 493 | 7.518 | 4.66116 |
| 494 | 7.518 | 4.66116 |
| 495 | 7.518 | 4.66116 |
| 496 | 7.518 | 4.66116 |
| 497 | 0 | 0 |
| 498 | 0 | 0 |
| 499 | 0 | 0 |
| 500 | 0 | 0 |
| 501 | 0 | 0 |
| 502 | 0 | 0 |
| 503 | 0 | 0 |
| 504 | 0 | 0 |
| 505 | 0 | 0 |
| 506 | 0 | 0 |
| 507 | 0 | 0 |
| 508 | 0 | 0 |
| 509 | 0 | 0 |
| 510 | 0 | 0 |
| 511 | 0 | 0 |
| 512 | 0 | 0 |
| 513 | 0 | 0 |
| 514 | 0 | 0 |
| 515 | 0 | 0 |
| 516 | 0 | 0 |
| 517 | 0 | 0 |
| 518 | 0 | 0 |
| 519 | 0 | 0 |
| 520 | 0 | 0 |
| 521 | 0 | 0 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 522 | 0 | 0 |
| 523 | 0 | 0 |
| 524 | 0 | 0 |
| 525 | 0 | 0 |
| 526 | 0 | 0 |
| 527 | 0 | 0 |
| 528 | 0 | 0 |
| 529 | 0 | 0 |
| 530 | 0 | 0 |
| 531 | 0 | 0 |
| 532 | 0 | 0 |
| 533 | 0 | 0 |
| 534 | 0 | 0 |
| 535 | 0 | 0 |
| 536 | 3.925 | 2.4335 |
| 537 | 6.833 | 4.23646 |
| 538 | 8.462 | 5.24644 |
| 539 | 8.114 | 5.03068 |
| 540 | 10.629 | 6.58998 |
| 541 | 11.129 | 6.89998 |
| 542 | 10.999 | 6.81938 |
| 543 | 10.703 | 6.63586 |
| 544 | 9.74 | 6.0388 |
| 545 | 8.814 | 5.46468 |
| 546 | 8.907 | 5.52234 |
| 547 | 8.111 | 5.02882 |
| 548 | 9.296 | 5.76352 |
| 549 | 8.721 | 5.40702 |
| 550 | 7.122 | 4.41564 |
| 551 | 7.999 | 4.95938 |
| 552 | 7.114 | 4.41068 |
| 553 | 6.135 | 3.8037 |
| 554 | 7.592 | 4.70704 |
| 555 | 6.135 | 3.8037 |
| 556 | 6.131 | 3.80122 |
| 557 | 7.814 | 4.84468 |
| 558 | 8.888 | 5.51056 |
| 559 | 9.103 | 5.64386 |
| 560 | 10.277 | 6.37174 |
| 561 | 9.112 | 5.64944 |
| 562 | 10.407 | 6.45234 |
| 563 | 10.907 | 6.76234 |
| 564 | 10.74 | 6.6588 |
| 565 | 10.87 | 6.7394 |
| 566 | 11.981 | 7.42822 |
| 567 | 12.129 | 7.51998 |
| 568 | 12.536 | 7.77232 |
| 569 | 12.981 | 8.04822 |
| 570 | 12.161 | 7.53982 |
| 571 | 13.153 | 8.15486 |
| 572 | 14.869 | 9.21878 |
| 573 | 14.157 | 8.77734 |
| 574 | 15.107 | 9.36634 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 575 | 15.125 | 9.3775 |
| 576 | 16.138 | 10.00556 |
| 577 | 19.101 | 11.84262 |
| 578 | 21.888 | 13.57056 |
| 579 | 22.443 | 13.91466 |
| 580 | 21.758 | 13.48996 |
| 581 | 21.406 | 13.27172 |
| 582 | 21.406 | 13.27172 |
| 583 | 21.554 | 13.36348 |
| 584 | 21.814 | 13.52468 |
| 585 | 21.925 | 13.5935 |
| 586 | 20.125 | 12.4775 |
| 587 | 20.999 | 13.01938 |
| 588 | 19.133 | 11.86246 |
| 589 | 18.999 | 11.77938 |
| 590 | 18.943 | 11.74466 |
| 591 | 18.148 | 11.25176 |
| 592 | 19.573 | 12.13526 |
| 593 | 18.61 | 11.5382 |
| 594 | 16.135 | 10.0037 |
| 595 | 15.12 | 9.3744 |
| 596 | 14.107 | 8.74634 |
| 597 | 12.196 | 7.56152 |
| 598 | 12.174 | 7.54788 |
| 599 | 12.151 | 7.53362 |
| 600 | 12.168 | 7.54416 |
| 601 | 13.118 | 8.13316 |
| 602 | 13.146 | 8.15052 |
| 603 | 13.109 | 8.12758 |
| 604 | 12.164 | 7.54168 |
| 605 | 12.721 | 7.88702 |
| 606 | 11.61 | 7.1982 |
| 607 | 11.407 | 7.07234 |
| 608 | 10.74 | 6.6588 |
| 609 | 9.703 | 6.01586 |
| 610 | 8.536 | 5.29232 |
| 611 | 8.573 | 5.31526 |
| 612 | 9.518 | 5.90116 |
| 613 | 9.407 | 5.83234 |
| 614 | 9.647 | 5.98114 |
| 615 | 8.12 | 5.0344 |
| 616 | 9.74 | 6.0388 |
| 617 | 9.109 | 5.64758 |
| 618 | 9.125 | 5.6575 |
| 619 | 8.925 | 5.5335 |
| 620 | 7.833 | 4.85646 |
| 621 | 7.105 | 4.4051 |
| 622 | 7.425 | 4.6035 |
| 623 | 5.107 | 3.16634 |
| 624 | 4.111 | 2.54882 |
| 625 | 4.74 | 2.9388 |
| 626 | 4.111 | 2.54882 |
| 627 | 5.981 | 3.70822 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 628 | 6.907 | 4.28234 |
| 629 | 6.138 | 3.80556 |
| 630 | 6.131 | 3.80122 |
| 631 | 6.114 | 3.79068 |
| 632 | 6.101 | 3.78262 |
| 633 | 5.142 | 3.18804 |
| 634 | 5.777 | 3.58174 |
| 635 | 4.151 | 2.57362 |
| 636 | 5.555 | 3.4441 |
| 637 | 2.118 | 1.31316 |
| 638 | 1.74 | 1.0788 |
| 639 | 0 | 0 |
| 640 | 0 | 0 |
| 641 | 1.814 | 1.12468 |
| 642 | 5.144 | 3.18928 |
| 643 | 9.107 | 5.64634 |
| 644 | 12.103 | 7.50386 |
| 645 | 15.999 | 9.91938 |
| 646 | 19.647 | 12.18114 |
| 647 | 19.133 | 11.86246 |
| 648 | 19.122 | 11.85564 |
| 649 | 17.114 | 10.61068 |
| 650 | 12.146 | 7.53052 |
| 651 | 8.518 | 5.28116 |
| 652 | 3.114 | 1.93068 |
| 653 | 1.629 | 1.00998 |
| 654 | 0 | 0 |
| 655 | 0 | 0 |
| 656 | 0 | 0 |
| 657 | 0 | 0 |
| 658 | 0 | 0 |
| 659 | 0 | 0 |
| 660 | 0 | 0 |
| 661 | 0 | 0 |
| 662 | 0 | 0 |
| 663 | 0 | 0 |
| 664 | 0 | 0 |
| 665 | 0 | 0 |
| 666 | 1.138 | 0.70556 |
| 667 | 5.685 | 3.5247 |
| 668 | 10.277 | 6.37174 |
| 669 | 14.133 | 8.76246 |
| 670 | 18.777 | 11.64174 |
| 671 | 21.103 | 13.08386 |
| 672 | 24.795 | 15.3729 |
| 673 | 26.146 | 16.21052 |
| 674 | 26.142 | 16.20804 |
| 675 | 25.517 | 15.82054 |
| 676 | 23.536 | 14.59232 |
| 677 | 18.109 | 11.22758 |
| 678 | 12.192 | 7.55904 |
| 679 | 8.444 | 5.23528 |
| 680 | 2.101 | 1.30262 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 681 | 0 | 0 |
| 682 | 0 | 0 |
| 683 | 0 | 0 |
| 684 | 0 | 0 |
| 685 | 1.629 | 1.00998 |
| 686 | 2.146 | 1.33052 |
| 687 | 5.125 | 3.1775 |
| 688 | 6.647 | 4.12114 |
| 689 | 4.153 | 2.57486 |
| 690 | 9.777 | 6.06174 |
| 691 | 10.107 | 6.26634 |
| 692 | 12.592 | 7.80704 |
| 693 | 12.944 | 8.02528 |
| 694 | 12.425 | 7.7035 |
| 695 | 13.146 | 8.15052 |
| 696 | 12.149 | 7.53238 |
| 697 | 12.114 | 7.51068 |
| 698 | 12.518 | 7.76116 |
| 699 | 11.277 | 6.99174 |
| 700 | 11.851 | 7.34762 |
| 701 | 12.147 | 7.53114 |
| 702 | 11.629 | 7.20998 |
| 703 | 12.129 | 7.51998 |
| 704 | 12.962 | 8.03644 |
| 705 | 12.136 | 7.52432 |
| 706 | 12.186 | 7.55532 |
| 707 | 12.647 | 7.84114 |
| 708 | 11.721 | 7.26702 |
| 709 | 10.103 | 6.26386 |
| 710 | 11.221 | 6.95702 |
| 711 | 12.147 | 7.53114 |
| 712 | 12.851 | 7.96762 |
| 713 | 12.221 | 7.57702 |
| 714 | 12.116 | 7.51192 |
| 715 | 14.962 | 9.27644 |
| 716 | 16.943 | 10.50466 |
| 717 | 19.814 | 12.28468 |
| 718 | 21.777 | 13.50174 |
| 719 | 23.314 | 14.45468 |
| 720 | 25.369 | 15.72878 |
| 721 | 24.406 | 15.13172 |
| 722 | 21.647 | 13.42114 |
| 723 | 16.151 | 10.01362 |
| 724 | 11.351 | 7.03762 |
| 725 | 5.144 | 3.18928 |
| 726 | 2.133 | 1.32246 |
| 727 | 1.722 | 1.06764 |
| 728 | 0 | 0 |
| 729 | 0 | 0 |
| 730 | 0 | 0 |
| 731 | 0 | 0 |
| 732 | 0 | 0 |
| 733 | 0 | 0 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 734 | 0 | 0 |
| 735 | 0 | 0 |
| 736 | 0 | 0 |
| 737 | 0 | 0 |
| 738 | 0 | 0 |
| 739 | 0 | 0 |
| 740 | 0 | 0 |
| 741 | 0 | 0 |
| 742 | 0 | 0 |
| 743 | 0 | 0 |
| 744 | 0 | 0 |
| 745 | 0 | 0 |
| 746 | 0 | 0 |
| 747 | 0 | 0 |
| 748 | 0 | 0 |
| 749 | 0 | 0 |
| 750 | 0 | 0 |
| 751 | 1.124 | 0.69688 |
| 752 | 4.125 | 2.5575 |
| 753 | 7.851 | 4.86762 |
| 754 | 9.37 | 5.8094 |
| 755 | 10.536 | 6.53232 |
| 756 | 10.314 | 6.39468 |
| 757 | 9.758 | 6.04996 |
| 758 | 8.759 | 5.43058 |
| 759 | 6.12 | 3.7944 |
| 760 | 5.127 | 3.17874 |
| 761 | 4.925 | 3.0535 |
| 762 | 1.161 | 0.71982 |
| 763 | 0 | 0 |
| 764 | 0 | 0 |
| 765 | 0 | 0 |
| 766 | 0 | 0 |
| 767 | 0 | 0 |
| 768 | 0 | 0 |
| 769 | 0 | 0 |
| 770 | 0 | 0 |
| 771 | 1.144 | 0.70928 |
| 772 | 5.573 | 3.45526 |
| 773 | 10.333 | 6.40646 |
| 774 | 8.907 | 5.52234 |
| 775 | 9.444 | 5.85528 |
| 776 | 5.999 | 3.71938 |
| 777 | 1.111 | 0.68882 |
| 778 | 0 | 0 |
| 779 | 0 | 0 |
| 780 | 0 | 0 |
| 781 | 0 | 0 |
| 782 | 0 | 0 |
| 783 | 0 | 0 |
| 784 | 0 | 0 |
| 785 | 0 | 0 |
| 786 | 0 | 0 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 787 | 0 | 0 |
| 788 | 0 | 0 |
| 789 | 2.122 | 1.31564 |
| 790 | 6.87 | 4.2594 |
| 791 | 8.109 | 5.02758 |
| 792 | 9.666 | 5.99292 |
| 793 | 7.135 | 4.4237 |
| 794 | 6.111 | 3.78882 |
| 795 | 5.888 | 3.65056 |
| 796 | 4.111 | 2.54882 |
| 797 | 3.12 | 1.9344 |
| 798 | 3.796 | 2.35352 |
| 799 | 2.133 | 1.32246 |
| 800 | 1.181 | 0.73222 |
| 801 | 1.499 | 0.92938 |
| 802 | 1.629 | 1.00998 |
| 803 | 2.159 | 1.33858 |
| 804 | 7.536 | 4.67232 |
| 805 | 10.103 | 6.26386 |
| 806 | 12.647 | 7.84114 |
| 807 | 12.174 | 7.54788 |
| 808 | 14.125 | 8.7575 |
| 809 | 13.162 | 8.16044 |
| 810 | 14.127 | 8.75874 |
| 811 | 13.135 | 8.1437 |
| 812 | 11.944 | 7.40528 |
| 813 | 5.146 | 3.19052 |
| 814 | 2.137 | 1.32494 |
| 815 | 2.962 | 1.83644 |
| 816 | 1.111 | 0.68882 |
| 817 | 1.629 | 1.00998 |
| 818 | 3.149 | 1.95238 |
| 819 | 8.833 | 5.47646 |
| 820 | 10.777 | 6.68174 |
| 821 | 13.172 | 8.16664 |
| 822 | 15.133 | 9.38246 |
| 823 | 17.999 | 11.15938 |
| 824 | 18.814 | 11.66468 |
| 825 | 18.135 | 11.2437 |
| 826 | 20.703 | 12.83586 |
| 827 | 20.851 | 12.92762 |
| 828 | 19.906 | 12.34172 |
| 829 | 14.124 | 8.75688 |
| 830 | 12.174 | 7.54788 |
| 831 | 12.518 | 7.76116 |
| 832 | 10.314 | 6.39468 |
| 833 | 8.703 | 5.39586 |
| 834 | 8.112 | 5.02944 |
| 835 | 10.425 | 6.4635 |
| 836 | 9.118 | 5.65316 |
| 837 | 8.114 | 5.03068 |
| 838 | 7.925 | 4.9135 |
| 839 | 7.536 | 4.67232 |

| Time (s) | Speed (kph) | Speed (mph) |
|-----------------|--------------------|--------------------|
| 840 | 7.573 | 4.69526 |
| 841 | 5.101 | 3.16262 |
| 842 | 3.137 | 1.94494 |
| 843 | 1.107 | 0.68634 |
| 844 | 0 | 0 |
| 845 | 1.74 | 1.0788 |
| 846 | 4.907 | 3.04234 |
| 847 | 8.703 | 5.39586 |
| 848 | 9.112 | 5.64944 |
| 849 | 9.111 | 5.64882 |
| 850 | 9.666 | 5.99292 |
| 851 | 9.833 | 6.09646 |
| 852 | 10.999 | 6.81938 |
| 853 | 11.105 | 6.8851 |
| 854 | 12.907 | 8.00234 |
| 855 | 12.146 | 7.53052 |
| 856 | 12.962 | 8.03644 |
| 857 | 14.14 | 8.7668 |
| 858 | 14.869 | 9.21878 |
| 859 | 13.105 | 8.1251 |
| 860 | 13.162 | 8.16044 |
| 861 | 12.161 | 7.53982 |
| 862 | 12.136 | 7.52432 |
| 863 | 13.107 | 8.12634 |
| 864 | 12.666 | 7.85292 |
| 865 | 11.61 | 7.1982 |
| 866 | 12.153 | 7.53486 |
| 867 | 14.122 | 8.75564 |
| 868 | 15.832 | 9.81584 |
| 869 | 16.103 | 9.98386 |
| 870 | 18.111 | 11.22882 |
| 871 | 19.131 | 11.86122 |
| 872 | 20.111 | 12.46882 |
| 873 | 22.277 | 13.81174 |
| 874 | 23.832 | 14.77584 |
| 875 | 25.425 | 15.7635 |
| 876 | 25.647 | 15.90114 |
| 877 | 25.144 | 15.58928 |
| 878 | 25.185 | 15.6147 |
| 879 | 25.122 | 15.57564 |
| 880 | 24.573 | 15.23526 |
| 881 | 23.869 | 14.79878 |
| 882 | 24.628 | 15.26936 |
| 883 | 25.165 | 15.6023 |
| 884 | 24.103 | 14.94386 |
| 885 | 24.777 | 15.36174 |
| 886 | 24.98 | 15.4876 |
| 887 | 25.721 | 15.94702 |
| 888 | 25.116 | 15.57192 |
| 889 | 25.138 | 15.58556 |
| 890 | 25.105 | 15.5651 |
| 891 | 24.103 | 14.94386 |
| 892 | 24.74 | 15.3388 |

| Time (s) | Speed (kph) | Speed (mph) |
|-----------------|--------------------|--------------------|
| 893 | 25.147 | 15.59114 |
| 894 | 25.406 | 15.75172 |
| 895 | 25.814 | 16.00468 |
| 896 | 25.135 | 15.5837 |
| 897 | 26.122 | 16.19564 |
| 898 | 27.122 | 16.81564 |
| 899 | 28.146 | 17.45052 |
| 900 | 29.112 | 18.04944 |
| 901 | 31.573 | 19.57526 |
| 902 | 29.155 | 18.0761 |
| 903 | 30.702 | 19.03524 |
| 904 | 31.684 | 19.64408 |
| 905 | 31.813 | 19.72406 |
| 906 | 30.123 | 18.67626 |
| 907 | 31.61 | 19.5982 |
| 908 | 31.869 | 19.75878 |
| 909 | 31.628 | 19.60936 |
| 910 | 29.161 | 18.07982 |
| 911 | 29.628 | 18.36936 |
| 912 | 28.112 | 17.42944 |
| 913 | 29.105 | 18.0451 |
| 914 | 29.105 | 18.0451 |
| 915 | 29.851 | 18.50762 |
| 916 | 29.888 | 18.53056 |
| 917 | 29.135 | 18.0637 |
| 918 | 30.962 | 19.19644 |
| 919 | 30.758 | 19.06996 |
| 920 | 29.153 | 18.07486 |
| 921 | 28.149 | 17.45238 |
| 922 | 27.166 | 16.84292 |
| 923 | 26.175 | 16.2285 |
| 924 | 25.179 | 15.61098 |
| 925 | 24.98 | 15.4876 |
| 926 | 22.591 | 14.00642 |
| 927 | 20.925 | 12.9735 |
| 928 | 19.684 | 12.20408 |
| 929 | 16.101 | 9.98262 |
| 930 | 12.194 | 7.56028 |
| 931 | 9.981 | 6.18822 |
| 932 | 9.333 | 5.78646 |
| 933 | 8.759 | 5.43058 |
| 934 | 7.796 | 4.83352 |
| 935 | 5.14 | 3.1868 |
| 936 | 5.87 | 3.6394 |
| 937 | 7.925 | 4.9135 |
| 938 | 9.12 | 5.6544 |
| 939 | 12.332 | 7.64584 |
| 940 | 12.194 | 7.56028 |
| 941 | 14.14 | 8.7668 |
| 942 | 15.107 | 9.36634 |
| 943 | 17.74 | 10.9988 |
| 944 | 19.101 | 11.84262 |
| 945 | 21.554 | 13.36348 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 946 | 22.462 | 13.92644 |
| 947 | 23.628 | 14.64936 |
| 948 | 24.277 | 15.05174 |
| 949 | 24.943 | 15.46466 |
| 950 | 25.702 | 15.93524 |
| 951 | 25.175 | 15.6085 |
| 952 | 26.146 | 16.21052 |
| 953 | 27.125 | 16.8175 |
| 954 | 27.138 | 16.82556 |
| 955 | 27.135 | 16.8237 |
| 956 | 25.175 | 15.6085 |
| 957 | 25.24 | 15.6488 |
| 958 | 24.165 | 14.9823 |
| 959 | 24.703 | 15.31586 |
| 960 | 24.388 | 15.12056 |
| 961 | 24.406 | 15.13172 |
| 962 | 23.74 | 14.7188 |
| 963 | 22.221 | 13.77702 |
| 964 | 20.425 | 12.6635 |
| 965 | 17.136 | 10.62432 |
| 966 | 15.832 | 9.81584 |
| 967 | 12.153 | 7.53486 |
| 968 | 11.203 | 6.94586 |
| 969 | 8.647 | 5.36114 |
| 970 | 6.137 | 3.80494 |
| 971 | 6.105 | 3.7851 |
| 972 | 6.114 | 3.79068 |
| 973 | 5.61 | 3.4782 |
| 974 | 1.142 | 0.70804 |
| 975 | 0 | 0 |
| 976 | 0 | 0 |
| 977 | 0 | 0 |
| 978 | 0 | 0 |
| 979 | 0 | 0 |
| 980 | 0 | 0 |
| 981 | 0 | 0 |
| 982 | 0 | 0 |
| 983 | 0 | 0 |
| 984 | 0 | 0 |
| 985 | 0 | 0 |
| 986 | 0 | 0 |
| 987 | 0 | 0 |
| 988 | 0 | 0 |
| 989 | 0 | 0 |
| 990 | 0 | 0 |
| 991 | 0 | 0 |
| 992 | 0 | 0 |
| 993 | 0 | 0 |
| 994 | 0 | 0 |
| 995 | 0 | 0 |
| 996 | 0 | 0 |
| 997 | 0 | 0 |
| 998 | 0 | 0 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 999 | 0 | 0 |
| 1000 | 0 | 0 |
| 1001 | 0 | 0 |
| 1002 | 0 | 0 |
| 1003 | 0 | 0 |
| 1004 | 0 | 0 |
| 1005 | 0 | 0 |
| 1006 | 0 | 0 |
| 1007 | 0 | 0 |
| 1008 | 0 | 0 |
| 1009 | 0 | 0 |
| 1010 | 0 | 0 |
| 1011 | 0 | 0 |
| 1012 | 0 | 0 |
| 1013 | 0 | 0 |
| 1014 | 0 | 0 |
| 1015 | 0 | 0 |
| 1016 | 0 | 0 |
| 1017 | 0 | 0 |
| 1018 | 0 | 0 |
| 1019 | 0 | 0 |
| 1020 | 0 | 0 |
| 1021 | 0 | 0 |
| 1022 | 0 | 0 |
| 1023 | 0 | 0 |
| 1024 | 0 | 0 |
| 1025 | 0 | 0 |
| 1026 | 1.907 | 1.18234 |
| 1027 | 1.925 | 1.1935 |
| 1028 | 1.759 | 1.09058 |
| 1029 | 1.203 | 0.74586 |
| 1030 | 2.14 | 1.3268 |
| 1031 | 8.111 | 5.02882 |
| 1032 | 10.944 | 6.78528 |
| 1033 | 12.907 | 8.00234 |
| 1034 | 12.164 | 7.54168 |
| 1035 | 14.12 | 8.7544 |
| 1036 | 16.101 | 9.98262 |
| 1037 | 18.114 | 11.23068 |
| 1038 | 21.462 | 13.30644 |
| 1039 | 22.499 | 13.94938 |
| 1040 | 24.184 | 14.99408 |
| 1041 | 25.165 | 15.6023 |
| 1042 | 25.684 | 15.92408 |
| 1043 | 25.168 | 15.60416 |
| 1044 | 25.144 | 15.58928 |
| 1045 | 25.109 | 15.56758 |
| 1046 | 25.462 | 15.78644 |
| 1047 | 23.888 | 14.81056 |
| 1048 | 22.573 | 13.99526 |
| 1049 | 20.943 | 12.98466 |
| 1050 | 18.142 | 11.24804 |
| 1051 | 17.12 | 10.6144 |

| Time (s) | Speed (kph) | Speed (mph) |
|-----------------|--------------------|--------------------|
| 1052 | 17.149 | 10.63238 |
| 1053 | 19.703 | 12.21586 |
| 1054 | 21.795 | 13.5129 |
| 1055 | 23.962 | 14.85644 |
| 1056 | 26.116 | 16.19192 |
| 1057 | 29.832 | 18.49584 |
| 1058 | 30.122 | 18.67564 |
| 1059 | 32.962 | 20.43644 |
| 1060 | 33.962 | 21.05644 |
| 1061 | 35.35 | 21.917 |
| 1062 | 37.73 | 23.3926 |
| 1063 | 38.12 | 23.6344 |
| 1064 | 40.162 | 24.90044 |
| 1065 | 43.129 | 26.73998 |
| 1066 | 46.665 | 28.9323 |
| 1067 | 48.276 | 29.93112 |
| 1068 | 49.142 | 30.46804 |
| 1069 | 51.135 | 31.7037 |
| 1070 | 53.72 | 33.3064 |
| 1071 | 53.146 | 32.95052 |
| 1072 | 53.979 | 33.46698 |
| 1073 | 52.157 | 32.33734 |
| 1074 | 52.103 | 32.30386 |
| 1075 | 52.11 | 32.3082 |
| 1076 | 51.905 | 32.1811 |
| 1077 | 50.107 | 31.06634 |
| 1078 | 48.294 | 29.94228 |
| 1079 | 44.461 | 27.56582 |
| 1080 | 39.151 | 24.27362 |
| 1081 | 35.536 | 22.03232 |
| 1082 | 27.164 | 16.84168 |
| 1083 | 20.499 | 12.70938 |
| 1084 | 11.74 | 7.2788 |
| 1085 | 3.124 | 1.93688 |
| 1086 | 0 | 0 |
| 1087 | 0 | 0 |
| 1088 | 0 | 0 |
| 1089 | 0 | 0 |
| 1090 | 0 | 0 |
| 1091 | 1.37 | 0.8494 |
| 1092 | 3.759 | 2.33058 |
| 1093 | 5.629 | 3.48998 |
| 1094 | 8.124 | 5.03688 |
| 1095 | 12.314 | 7.63468 |
| 1096 | 14.116 | 8.75192 |
| 1097 | 18.888 | 11.71056 |
| 1098 | 21.98 | 13.6276 |
| 1099 | 26.98 | 16.7276 |
| 1100 | 29.135 | 18.0637 |
| 1101 | 33.573 | 20.81526 |
| 1102 | 33.665 | 20.8723 |
| 1103 | 32.739 | 20.29818 |
| 1104 | 38.147 | 23.65114 |

| Time (s) | Speed (kph) | Speed (mph) |
|-----------------|--------------------|--------------------|
| 1105 | 39.125 | 24.2575 |
| 1106 | 41.109 | 25.48758 |
| 1107 | 42.943 | 26.62466 |
| 1108 | 42.127 | 26.11874 |
| 1109 | 43.739 | 27.11818 |
| 1110 | 41.129 | 25.49998 |
| 1111 | 41.961 | 26.01582 |
| 1112 | 40.924 | 25.37288 |
| 1113 | 38.181 | 23.67222 |
| 1114 | 38.832 | 24.07584 |
| 1115 | 38.128 | 23.63936 |
| 1116 | 38.11 | 23.6282 |
| 1117 | 38.85 | 24.087 |
| 1118 | 38.258 | 23.71996 |
| 1119 | 38.146 | 23.65052 |
| 1120 | 38.702 | 23.99524 |
| 1121 | 38.665 | 23.9723 |
| 1122 | 38.12 | 23.6344 |
| 1123 | 38.186 | 23.67532 |
| 1124 | 40.739 | 25.25818 |
| 1125 | 41.105 | 25.4851 |
| 1126 | 42.148 | 26.13176 |
| 1127 | 44.795 | 27.7729 |
| 1128 | 45.924 | 28.47288 |
| 1129 | 46.424 | 28.78288 |
| 1130 | 45.924 | 28.47288 |
| 1131 | 46.295 | 28.7029 |
| 1132 | 45.869 | 28.43878 |
| 1133 | 45.461 | 28.18582 |
| 1134 | 44.758 | 27.74996 |
| 1135 | 43.138 | 26.74556 |
| 1136 | 43.142 | 26.74804 |
| 1137 | 44.998 | 27.89876 |
| 1138 | 45.813 | 28.40406 |
| 1139 | 46.572 | 28.87464 |
| 1140 | 47.109 | 29.20758 |
| 1141 | 48.112 | 29.82944 |
| 1142 | 49.149 | 30.47238 |
| 1143 | 50.129 | 31.07998 |
| 1144 | 50.14 | 31.0868 |
| 1145 | 51.12 | 31.6944 |
| 1146 | 51.116 | 31.69192 |
| 1147 | 50.142 | 31.08804 |
| 1148 | 49.127 | 30.45874 |
| 1149 | 49.14 | 30.4668 |
| 1150 | 49.868 | 30.91816 |
| 1151 | 49.443 | 30.65466 |
| 1152 | 49.406 | 30.63172 |
| 1153 | 49.961 | 30.97582 |
| 1154 | 49.164 | 30.48168 |
| 1155 | 49.757 | 30.84934 |
| 1156 | 48.628 | 30.14936 |
| 1157 | 47.813 | 29.64406 |

| Time (s) | Speed (kph) | Speed (mph) | Time (s) | Speed (kph) | Speed (mph) |
|-----------------|--------------------|--------------------|-----------------|--------------------|--------------------|
| 1158 | 47.831 | 29.65522 | 1211 | 6.101 | 3.78262 |
| 1159 | 47.105 | 29.2051 | 1212 | 9.116 | 5.65192 |
| 1160 | 47.831 | 29.65522 | 1213 | 10.87 | 6.7394 |
| 1161 | 48.294 | 29.94228 | 1214 | 9.758 | 6.04996 |
| 1162 | 49.257 | 30.53934 | 1215 | 7.105 | 4.4051 |
| 1163 | 49.12 | 30.4544 | 1216 | 4.87 | 3.0194 |
| 1164 | 49.136 | 30.46432 | 1217 | 1.124 | 0.69688 |
| 1165 | 49.123 | 30.45626 | 1218 | 0 | 0 |
| 1166 | 48.107 | 29.82634 | 1219 | 0 | 0 |
| 1167 | 48.72 | 30.2064 | 1220 | 0 | 0 |
| 1168 | 47.906 | 29.70172 | 1221 | 0 | 0 |
| 1169 | 46.103 | 28.58386 | 1222 | 0 | 0 |
| 1170 | 45.869 | 28.43878 | 1223 | 0 | 0 |
| 1171 | 44.127 | 27.35874 | 1224 | 0 | 0 |
| 1172 | 43.131 | 26.74122 | 1225 | 0 | 0 |
| 1173 | 42.112 | 26.10944 | 1226 | 0 | 0 |
| 1174 | 40.164 | 24.90168 | 1227 | 0 | 0 |
| 1175 | 39.157 | 24.27734 | 1228 | 0 | 0 |
| 1176 | 38.179 | 23.67098 | 1229 | 0 | 0 |
| 1177 | 39.103 | 24.24386 | 1230 | 0 | 0 |
| 1178 | 39.116 | 24.25192 | 1231 | 0 | 0 |
| 1179 | 38.125 | 23.6375 | 1232 | 0 | 0 |
| 1180 | 36.517 | 22.64054 | 1233 | 0 | 0 |
| 1181 | 32.536 | 20.17232 | 1234 | 1.481 | 0.91822 |
| 1182 | 28.98 | 17.9676 | 1235 | 1.131 | 0.70122 |
| 1183 | 26.107 | 16.18634 | 1236 | 1.74 | 1.0788 |
| 1184 | 25.12 | 15.5744 | 1237 | 3.999 | 2.47938 |
| 1185 | 25.536 | 15.83232 | 1238 | 7.536 | 4.67232 |
| 1186 | 22.814 | 14.14468 | 1239 | 10.61 | 6.5782 |
| 1187 | 23.48 | 14.5576 | 1240 | 12.118 | 7.51316 |
| 1188 | 21.591 | 13.38642 | 1241 | 14.172 | 8.78664 |
| 1189 | 20.962 | 12.99644 | 1242 | 18.629 | 11.54998 |
| 1190 | 18.151 | 11.25362 | 1243 | 22.851 | 14.16762 |
| 1191 | 18.721 | 11.60702 | 1244 | 25.573 | 15.85526 |
| 1192 | 17.703 | 10.97586 | 1245 | 25.138 | 15.58556 |
| 1193 | 15.157 | 9.39734 | 1246 | 25.684 | 15.92408 |
| 1194 | 13.162 | 8.16044 | 1247 | 25.133 | 15.58246 |
| 1195 | 12.555 | 7.7841 | 1248 | 25.314 | 15.69468 |
| 1196 | 10.425 | 6.4635 | 1249 | 24.758 | 15.34996 |
| 1197 | 8.962 | 5.55644 | 1250 | 22.295 | 13.8229 |
| 1198 | 10.518 | 6.52116 | 1251 | 17.888 | 11.09056 |
| 1199 | 11.647 | 7.22114 | 1252 | 12.907 | 8.00234 |
| 1200 | 12.925 | 8.0135 | 1253 | 5.105 | 3.1651 |
| 1201 | 12.159 | 7.53858 | 1254 | 0 | 0 |
| 1202 | 12.116 | 7.51192 | 1255 | 0 | 0 |
| 1203 | 12.124 | 7.51688 | 1256 | 0 | 0 |
| 1204 | 11.703 | 7.25586 | 1257 | 0 | 0 |
| 1205 | 9.481 | 5.87822 | 1258 | 0 | 0 |
| 1206 | 5.142 | 3.18804 | 1259 | 0 | 0 |
| 1207 | 2.142 | 1.32804 | 1260 | 0 | 0 |
| 1208 | 1.907 | 1.18234 | 1261 | 0 | 0 |
| 1209 | 1.129 | 0.69998 | 1262 | 0 | 0 |
| 1210 | 2.137 | 1.32494 | 1263 | 0 | 0 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 1264 | 0 | 0 |
| 1265 | 0 | 0 |
| 1266 | 0 | 0 |
| 1267 | 0 | 0 |
| 1268 | 0 | 0 |
| 1269 | 0 | 0 |
| 1270 | 0 | 0 |
| 1271 | 0 | 0 |
| 1272 | 0 | 0 |
| 1273 | 0 | 0 |
| 1274 | 0 | 0 |
| 1275 | 0 | 0 |
| 1276 | 0 | 0 |
| 1277 | 0 | 0 |
| 1278 | 0 | 0 |
| 1279 | 0 | 0 |
| 1280 | 0 | 0 |
| 1281 | 0 | 0 |
| 1282 | 0 | 0 |
| 1283 | 0 | 0 |
| 1284 | 0 | 0 |
| 1285 | 1.179 | 0.73098 |
| 1286 | 7.499 | 4.64938 |
| 1287 | 7.499 | 4.64938 |
| 1288 | 7.499 | 4.64938 |
| 1289 | 7.127 | 4.41874 |
| 1290 | 7.127 | 4.41874 |
| 1291 | 11.962 | 7.41644 |
| 1292 | 9.703 | 6.01586 |
| 1293 | 8.87 | 5.4994 |
| 1294 | 8.12 | 5.0344 |
| 1295 | 9.333 | 5.78646 |
| 1296 | 8.105 | 5.0251 |
| 1297 | 9.107 | 5.64634 |
| 1298 | 11.258 | 6.97996 |
| 1299 | 11.129 | 6.89998 |
| 1300 | 10.962 | 6.79644 |
| 1301 | 10.907 | 6.76234 |
| 1302 | 9.758 | 6.04996 |
| 1303 | 9.87 | 6.1194 |
| 1304 | 9.907 | 6.14234 |
| 1305 | 9.833 | 6.09646 |
| 1306 | 9.425 | 5.8435 |
| 1307 | 7.14 | 4.4268 |
| 1308 | 8.888 | 5.51056 |
| 1309 | 9.999 | 6.19938 |
| 1310 | 11.101 | 6.88262 |
| 1311 | 12.907 | 8.00234 |
| 1312 | 12.151 | 7.53362 |
| 1313 | 12.14 | 7.5268 |
| 1314 | 12.131 | 7.52122 |
| 1315 | 12.61 | 7.8182 |
| 1316 | 12.814 | 7.94468 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 1317 | 8.114 | 5.03068 |
| 1318 | 9.907 | 6.14234 |
| 1319 | 11.758 | 7.28996 |
| 1320 | 12.149 | 7.53238 |
| 1321 | 13.17 | 8.1654 |
| 1322 | 15.981 | 9.90822 |
| 1323 | 19.629 | 12.16998 |
| 1324 | 22.425 | 13.9035 |
| 1325 | 25.184 | 15.61408 |
| 1326 | 25.19 | 15.6178 |
| 1327 | 26.157 | 16.21734 |
| 1328 | 27.962 | 17.33644 |
| 1329 | 27.111 | 16.80882 |
| 1330 | 27.146 | 16.83052 |
| 1331 | 28.125 | 17.4375 |
| 1332 | 29.125 | 18.0575 |
| 1333 | 31.136 | 19.30432 |
| 1334 | 31.135 | 19.3037 |
| 1335 | 32.517 | 20.16054 |
| 1336 | 31.127 | 19.29874 |
| 1337 | 31.832 | 19.73584 |
| 1338 | 29.153 | 18.07486 |
| 1339 | 28.116 | 17.43192 |
| 1340 | 26.144 | 16.20928 |
| 1341 | 25.135 | 15.5837 |
| 1342 | 23.684 | 14.68408 |
| 1343 | 19.116 | 11.85192 |
| 1344 | 17.962 | 11.13644 |
| 1345 | 17.98 | 11.1476 |
| 1346 | 18.109 | 11.22758 |
| 1347 | 18.127 | 11.23874 |
| 1348 | 18.138 | 11.24556 |
| 1349 | 19.98 | 12.3876 |
| 1350 | 20.906 | 12.96172 |
| 1351 | 20.129 | 12.47998 |
| 1352 | 22.295 | 13.8229 |
| 1353 | 22.101 | 13.70262 |
| 1354 | 23.462 | 14.54644 |
| 1355 | 24.24 | 15.0288 |
| 1356 | 24.165 | 14.9823 |
| 1357 | 24.203 | 15.00586 |
| 1358 | 24.721 | 15.32702 |
| 1359 | 24.536 | 15.21232 |
| 1360 | 24.351 | 15.09762 |
| 1361 | 24.462 | 15.16644 |
| 1362 | 23.795 | 14.7529 |
| 1363 | 22.351 | 13.85762 |
| 1364 | 20.554 | 12.74348 |
| 1365 | 18.98 | 11.7676 |
| 1366 | 16.131 | 10.00122 |
| 1367 | 15.869 | 9.83878 |
| 1368 | 12.19 | 7.5578 |
| 1369 | 11.314 | 7.01468 |

| Time (s) | Speed (kph) | Speed (mph) | Time (s) | Speed (kph) | Speed (mph) |
|-----------------|--------------------|--------------------|-----------------|--------------------|--------------------|
| 1370 | 9.666 | 5.99292 | 1423 | 11.105 | 6.8851 |
| 1371 | 9.999 | 6.19938 | 1424 | 11.981 | 7.42822 |
| 1372 | 11.24 | 6.9688 | 1425 | 11.758 | 7.28996 |
| 1373 | 12.277 | 7.61174 | 1426 | 10.555 | 6.5441 |
| 1374 | 11.925 | 7.3935 | 1427 | 9.74 | 6.0388 |
| 1375 | 12.647 | 7.84114 | 1428 | 8.122 | 5.03564 |
| 1376 | 12.407 | 7.69234 | 1429 | 8.666 | 5.37292 |
| 1377 | 12.388 | 7.68056 | 1430 | 6.127 | 3.79874 |
| 1378 | 12.258 | 7.59996 | 1431 | 2.109 | 1.30758 |
| 1379 | 11.105 | 6.8851 | 1432 | 0 | 0 |
| 1380 | 11.703 | 7.25586 | 1433 | 0 | 0 |
| 1381 | 10.981 | 6.80822 | 1434 | 0 | 0 |
| 1382 | 9.425 | 5.8435 | 1435 | 0 | 0 |
| 1383 | 7.962 | 4.93644 | 1436 | 0 | 0 |
| 1384 | 5.814 | 3.60468 | 1437 | 0 | 0 |
| 1385 | 2.12 | 1.3144 | 1438 | 0 | 0 |
| 1386 | 1.555 | 0.9641 | 1439 | 0 | 0 |
| 1387 | 0 | 0 | 1440 | 0 | 0 |
| 1388 | 0 | 0 | 1441 | 0 | 0 |
| 1389 | 0 | 0 | 1442 | 0 | 0 |
| 1390 | 0 | 0 | 1443 | 0 | 0 |
| 1391 | 1.944 | 1.20528 | 1444 | 0 | 0 |
| 1392 | 4.925 | 3.0535 | 1445 | 0 | 0 |
| 1393 | 6.127 | 3.79874 | 1446 | 0 | 0 |
| 1394 | 7.999 | 4.95938 | 1447 | 0 | 0 |
| 1395 | 7.518 | 4.66116 | 1448 | 0 | 0 |
| 1396 | 7.118 | 4.41316 | 1449 | 0 | 0 |
| 1397 | 9.116 | 5.65192 | 1450 | 0 | 0 |
| 1398 | 11.184 | 6.93408 | 1451 | 0 | 0 |
| 1399 | 11.777 | 7.30174 | 1452 | 0 | 0 |
| 1400 | 12.24 | 7.5888 | 1453 | 0 | 0 |
| 1401 | 11.907 | 7.38234 | 1454 | 0 | 0 |
| 1402 | 12.129 | 7.51998 | 1455 | 0 | 0 |
| 1403 | 12.37 | 7.6694 | 1456 | 0 | 0 |
| 1404 | 12.184 | 7.55408 | 1457 | 0 | 0 |
| 1405 | 12.221 | 7.57702 | 1458 | 0 | 0 |
| 1406 | 11.999 | 7.43938 | 1459 | 0 | 0 |
| 1407 | 11.795 | 7.3129 | 1460 | 0 | 0 |
| 1408 | 11.536 | 7.15232 | 1461 | 0 | 0 |
| 1409 | 11.129 | 6.89998 | 1462 | 0 | 0 |
| 1410 | 11.758 | 7.28996 | 1463 | 0 | 0 |
| 1411 | 11.907 | 7.38234 | 1464 | 0 | 0 |
| 1412 | 11.962 | 7.41644 | 1465 | 2.944 | 1.82528 |
| 1413 | 12.24 | 7.5888 | 1466 | 7.518 | 4.66116 |
| 1414 | 12.518 | 7.76116 | 1467 | 12.907 | 8.00234 |
| 1415 | 12.103 | 7.50386 | 1468 | 16.151 | 10.01362 |
| 1416 | 12.24 | 7.5888 | 1469 | 20.74 | 12.8588 |
| 1417 | 12.24 | 7.5888 | 1470 | 24.832 | 15.39584 |
| 1418 | 11.758 | 7.28996 | 1471 | 27.14 | 16.8268 |
| 1419 | 11.851 | 7.34762 | 1472 | 30.114 | 18.67068 |
| 1420 | 11.87 | 7.3594 | 1473 | 33.795 | 20.9529 |
| 1421 | 11.795 | 7.3129 | 1474 | 37.147 | 23.03114 |
| 1422 | 11.721 | 7.26702 | 1475 | 38.128 | 23.63936 |

| Time (s) | Speed (kph) | Speed (mph) | Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|----------|-------------|-------------|
| 1476 | 36.832 | 22.83584 | 1529 | 4.962 | 3.07644 |
| 1477 | 37.739 | 23.39818 | 1530 | 0 | 0 |
| 1478 | 37.869 | 23.47878 | 1531 | 0 | 0 |
| 1479 | 38.165 | 23.6623 | 1532 | 0 | 0 |
| 1480 | 37.702 | 23.37524 | 1533 | 0 | 0 |
| 1481 | 37.61 | 23.3182 | 1534 | 0 | 0 |
| 1482 | 38.924 | 24.13288 | 1535 | 0 | 0 |
| 1483 | 37.369 | 23.16878 | 1536 | 0 | 0 |
| 1484 | 37.35 | 23.157 | 1537 | 0 | 0 |
| 1485 | 37.915 | 23.5073 | 1538 | 1.944 | 1.20528 |
| 1486 | 35.647 | 22.10114 | 1539 | 3.148 | 1.95176 |
| 1487 | 33.369 | 20.68878 | 1540 | 4.833 | 2.99646 |
| 1488 | 29.148 | 18.07176 | 1541 | 7.536 | 4.67232 |
| 1489 | 28.12 | 17.4344 | 1542 | 11.258 | 6.97996 |
| 1490 | 29.795 | 18.4729 | 1543 | 13.133 | 8.14246 |
| 1491 | 30.122 | 18.67564 | 1544 | 15.138 | 9.38556 |
| 1492 | 31.813 | 19.72406 | 1545 | 17.135 | 10.6237 |
| 1493 | 31.536 | 19.55232 | 1546 | 20.107 | 12.46634 |
| 1494 | 30.999 | 19.21938 | 1547 | 23.554 | 14.60348 |
| 1495 | 29.999 | 18.59938 | 1548 | 25.151 | 15.59362 |
| 1496 | 27.175 | 16.8485 | 1549 | 29.721 | 18.42702 |
| 1497 | 25.128 | 15.57936 | 1550 | 32.112 | 19.90944 |
| 1498 | 17.101 | 10.60262 | 1551 | 36.517 | 22.64054 |
| 1499 | 10.555 | 6.5441 | 1552 | 39.112 | 24.24944 |
| 1500 | 5.122 | 3.17564 | 1553 | 41.129 | 25.49998 |
| 1501 | 5.925 | 3.6735 | 1554 | 44.443 | 27.55466 |
| 1502 | 5.127 | 3.17874 | 1555 | 47.35 | 29.357 |
| 1503 | 5.118 | 3.17316 | 1556 | 49.813 | 30.88406 |
| 1504 | 7.407 | 4.59234 | 1557 | 49.173 | 30.48726 |
| 1505 | 11.555 | 7.1641 | 1558 | 51.868 | 32.15816 |
| 1506 | 14.17 | 8.7854 | 1559 | 52.133 | 32.32246 |
| 1507 | 18.103 | 11.22386 | 1560 | 53.868 | 33.39816 |
| 1508 | 20.851 | 12.92762 | 1561 | 53.131 | 32.94122 |
| 1509 | 22.12 | 13.7144 | 1562 | 53.153 | 32.95486 |
| 1510 | 21.703 | 13.45586 | 1563 | 54.831 | 33.99522 |
| 1511 | 18.573 | 11.51526 | 1564 | 54.118 | 33.55316 |
| 1512 | 12.155 | 7.5361 | 1565 | 54.114 | 33.55068 |
| 1513 | 6.101 | 3.78262 | 1566 | 55.609 | 34.47758 |
| 1514 | 4.87 | 3.0194 | 1567 | 54.11 | 33.5482 |
| 1515 | 4.153 | 2.57486 | 1568 | 56.665 | 35.1323 |
| 1516 | 5.61 | 3.4782 | 1569 | 56.103 | 34.78386 |
| 1517 | 4.149 | 2.57238 | 1570 | 58.122 | 36.03564 |
| 1518 | 8.573 | 5.31526 | 1571 | 60.924 | 37.77288 |
| 1519 | 12.573 | 7.79526 | 1572 | 62.516 | 38.75992 |
| 1520 | 15.122 | 9.37564 | 1573 | 62.118 | 38.51316 |
| 1521 | 19.592 | 12.14704 | 1574 | 62.185 | 38.5547 |
| 1522 | 22.122 | 13.71564 | 1575 | 63.147 | 39.15114 |
| 1523 | 25.888 | 16.05056 | 1576 | 63.131 | 39.14122 |
| 1524 | 25.962 | 16.09644 | 1577 | 64.129 | 39.75998 |
| 1525 | 24.999 | 15.49938 | 1578 | 64.181 | 39.79222 |
| 1526 | 22.647 | 14.04114 | 1579 | 64.133 | 39.76246 |
| 1527 | 16.814 | 10.42468 | 1580 | 64.138 | 39.76556 |
| 1528 | 10.795 | 6.6929 | 1581 | 64.101 | 39.74262 |

| Time (s) | Speed (kph) | Speed (mph) | Time (s) | Speed (kph) | Speed (mph) |
|-----------------|--------------------|--------------------|-----------------|--------------------|--------------------|
| 1582 | 64.103 | 39.74386 | 1635 | 51.129 | 31.69998 |
| 1583 | 62.175 | 38.5485 | 1636 | 51.149 | 31.71238 |
| 1584 | 63.146 | 39.15052 | 1637 | 52.103 | 32.30386 |
| 1585 | 64.998 | 40.29876 | 1638 | 53.702 | 33.29524 |
| 1586 | 62.572 | 38.79464 | 1639 | 53.142 | 32.94804 |
| 1587 | 63.138 | 39.14556 | 1640 | 53.151 | 32.95362 |
| 1588 | 64.146 | 39.77052 | 1641 | 55.905 | 34.6611 |
| 1589 | 64.177 | 39.78974 | 1642 | 55.609 | 34.47758 |
| 1590 | 66.14 | 41.0068 | 1643 | 55.155 | 34.1961 |
| 1591 | 67.118 | 41.61316 | 1644 | 56.103 | 34.78386 |
| 1592 | 68.979 | 42.76698 | 1645 | 57.961 | 35.93582 |
| 1593 | 68.123 | 42.23626 | 1646 | 56.979 | 35.32698 |
| 1594 | 68.831 | 42.67522 | 1647 | 56.813 | 35.22406 |
| 1595 | 67.149 | 41.63238 | 1648 | 54.123 | 33.55626 |
| 1596 | 67.998 | 42.15876 | 1649 | 56.112 | 34.78944 |
| 1597 | 67.134 | 41.62308 | 1650 | 56.905 | 35.2811 |
| 1598 | 67.136 | 41.62432 | 1651 | 55.151 | 34.19362 |
| 1599 | 68.757 | 42.62934 | 1652 | 55.868 | 34.63816 |
| 1600 | 68.979 | 42.76698 | 1653 | 54.11 | 33.5482 |
| 1601 | 68.646 | 42.56052 | 1654 | 57.535 | 35.6717 |
| 1602 | 67.812 | 42.04344 | 1655 | 56.103 | 34.78386 |
| 1603 | 66.131 | 41.00122 | 1656 | 57.72 | 35.7864 |
| 1604 | 66.116 | 40.99192 | 1657 | 57.553 | 35.68286 |
| 1605 | 64.16 | 39.7792 | 1658 | 56.138 | 34.80556 |
| 1606 | 62.181 | 38.55222 | 1659 | 57.461 | 35.62582 |
| 1607 | 61.107 | 37.88634 | 1660 | 57.683 | 35.76346 |
| 1608 | 59.998 | 37.19876 | 1661 | 57.59 | 35.7058 |
| 1609 | 57.135 | 35.4237 | 1662 | 57.11 | 35.4082 |
| 1610 | 55.125 | 34.1775 | 1663 | 57.794 | 35.83228 |
| 1611 | 52.109 | 32.30758 | 1664 | 56.109 | 34.78758 |
| 1612 | 49.17 | 30.4854 | 1665 | 57.122 | 35.41564 |
| 1613 | 50.146 | 31.09052 | 1666 | 57.122 | 35.41564 |
| 1614 | 49.12 | 30.4544 | 1667 | 57.757 | 35.80934 |
| 1615 | 48.98 | 30.3676 | 1668 | 56.114 | 34.79068 |
| 1616 | 47.109 | 29.20758 | 1669 | 56.683 | 35.14346 |
| 1617 | 48.165 | 29.8623 | 1670 | 55.683 | 34.52346 |
| 1618 | 48.831 | 30.27522 | 1671 | 54.979 | 34.08698 |
| 1619 | 48.757 | 30.22934 | 1672 | 52.166 | 32.34292 |
| 1620 | 48.103 | 29.82386 | 1673 | 51.151 | 31.71362 |
| 1621 | 48.831 | 30.27522 | 1674 | 50.118 | 31.07316 |
| 1622 | 48.776 | 30.24112 | 1675 | 49.118 | 30.45316 |
| 1623 | 48.72 | 30.2064 | 1676 | 49.125 | 30.4575 |
| 1624 | 48.683 | 30.18346 | 1677 | 49.998 | 30.99876 |
| 1625 | 48.35 | 29.977 | 1678 | 49.572 | 30.73464 |
| 1626 | 48.257 | 29.91934 | 1679 | 49.868 | 30.91816 |
| 1627 | 48.757 | 30.22934 | 1680 | 49.98 | 30.9876 |
| 1628 | 49.183 | 30.49346 | 1681 | 49.118 | 30.45316 |
| 1629 | 49.609 | 30.75758 | 1682 | 49.123 | 30.45626 |
| 1630 | 49.129 | 30.45998 | 1683 | 49.179 | 30.49098 |
| 1631 | 49.157 | 30.47734 | 1684 | 50.168 | 31.10416 |
| 1632 | 50.123 | 31.07626 | 1685 | 49.142 | 30.46804 |
| 1633 | 50.155 | 31.0961 | 1686 | 48.101 | 29.82262 |
| 1634 | 51.85 | 32.147 | 1687 | 47.332 | 29.34584 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 1688 | 45.683 | 28.32346 |
| 1689 | 43.924 | 27.23288 |
| 1690 | 41.149 | 25.51238 |
| 1691 | 40.85 | 25.327 |
| 1692 | 38.795 | 24.0529 |
| 1693 | 34.684 | 21.50408 |
| 1694 | 28.123 | 17.43626 |
| 1695 | 23.851 | 14.78762 |
| 1696 | 18.101 | 11.22262 |
| 1697 | 13.131 | 8.14122 |
| 1698 | 9.536 | 5.91232 |
| 1699 | 4.116 | 2.55192 |
| 1700 | 1.536 | 0.95232 |
| 1701 | 0 | 0 |
| 1702 | 0 | 0 |
| 1703 | 0 | 0 |
| 1704 | 0 | 0 |
| 1705 | 0 | 0 |
| 1706 | 0 | 0 |
| 1707 | 0 | 0 |
| 1708 | 0 | 0 |
| 1709 | 0 | 0 |
| 1710 | 0 | 0 |
| 1711 | 0 | 0 |
| 1712 | 0 | 0 |
| 1713 | 0 | 0 |
| 1714 | 0 | 0 |
| 1715 | 0 | 0 |
| 1716 | 0 | 0 |
| 1717 | 0 | 0 |
| 1718 | 0 | 0 |
| 1719 | 0 | 0 |
| 1720 | 0 | 0 |
| 1721 | 0 | 0 |
| 1722 | 0 | 0 |
| 1723 | 0 | 0 |
| 1724 | 0 | 0 |
| 1725 | 0 | 0 |
| 1726 | 0 | 0 |
| 1727 | 0 | 0 |
| 1728 | 1.722 | 1.06764 |
| 1729 | 4.125 | 2.5575 |
| 1730 | 8.74 | 5.4188 |
| 1731 | 11.11 | 6.8882 |
| 1732 | 13.107 | 8.12634 |
| 1733 | 16.906 | 10.48172 |
| 1734 | 20.962 | 12.99644 |
| 1735 | 22.888 | 14.19056 |
| 1736 | 21.814 | 13.52468 |
| 1737 | 20.832 | 12.91584 |
| 1738 | 20.554 | 12.74348 |
| 1739 | 20.499 | 12.70938 |
| 1740 | 18.149 | 11.25238 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 1741 | 18.518 | 11.48116 |
| 1742 | 16.107 | 9.98634 |
| 1743 | 14.109 | 8.74758 |
| 1744 | 12.61 | 7.8182 |
| 1745 | 6.796 | 4.21352 |
| 1746 | 0 | 0 |
| 1747 | 0 | 0 |
| 1748 | 0 | 0 |
| 1749 | 0 | 0 |
| 1750 | 0 | 0 |
| 1751 | 0 | 0 |
| 1752 | 0 | 0 |
| 1753 | 0 | 0 |
| 1754 | 0 | 0 |
| 1755 | 0 | 0 |
| 1756 | 0 | 0 |
| 1757 | 0 | 0 |
| 1758 | 0 | 0 |
| 1759 | 0 | 0 |
| 1760 | 0 | 0 |
| 1761 | 0 | 0 |
| 1762 | 0 | 0 |
| 1763 | 0 | 0 |
| 1764 | 0 | 0 |
| 1765 | 0 | 0 |
| 1766 | 0 | 0 |
| 1767 | 0 | 0 |
| 1768 | 0 | 0 |
| 1769 | 0 | 0 |
| 1770 | 0 | 0 |
| 1771 | 0 | 0 |
| 1772 | 0 | 0 |
| 1773 | 0 | 0 |
| 1774 | 0 | 0 |
| 1775 | 0 | 0 |
| 1776 | 0 | 0 |
| 1777 | 0 | 0 |
| 1778 | 0 | 0 |
| 1779 | 0 | 0 |
| 1780 | 0 | 0 |
| 1781 | 0 | 0 |
| 1782 | 0 | 0 |
| 1783 | 0 | 0 |
| 1784 | 0 | 0 |
| 1785 | 0 | 0 |
| 1786 | 0 | 0 |
| 1787 | 0 | 0 |
| 1788 | 0 | 0 |
| 1789 | 0 | 0 |
| 1790 | 0 | 0 |
| 1791 | 0 | 0 |
| 1792 | 0 | 0 |
| 1793 | 0 | 0 |

| Time (s) | Speed (kph) | Speed (mph) | Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|----------|-------------|-------------|
| 1794 | 0 | 0 | 1847 | 32.554 | 20.18348 |
| 1795 | 0 | 0 | 1848 | 32.499 | 20.14938 |
| 1796 | 0 | 0 | 1849 | 32.887 | 20.38994 |
| 1797 | 0 | 0 | 1850 | 32.813 | 20.34406 |
| 1798 | 0 | 0 | 1851 | 32.122 | 19.91564 |
| 1799 | 0 | 0 | 1852 | 33.684 | 20.88408 |
| 1800 | 0 | 0 | 1853 | 33.869 | 20.99878 |
| 1801 | 0 | 0 | 1854 | 33.739 | 20.91818 |
| 1802 | 0 | 0 | 1855 | 32.107 | 19.90634 |
| 1803 | 0 | 0 | 1856 | 33.443 | 20.73466 |
| 1804 | 0 | 0 | 1857 | 32.832 | 20.35584 |
| 1805 | 0 | 0 | 1858 | 33.61 | 20.8382 |
| 1806 | 0 | 0 | 1859 | 33.114 | 20.53068 |
| 1807 | 0 | 0 | 1860 | 34.813 | 21.58406 |
| 1808 | 0 | 0 | 1861 | 35.313 | 21.89406 |
| 1809 | 0 | 0 | 1862 | 35.869 | 22.23878 |
| 1810 | 0 | 0 | 1863 | 36.758 | 22.78996 |
| 1811 | 0 | 0 | 1864 | 37.332 | 23.14584 |
| 1812 | 0 | 0 | 1865 | 37.721 | 23.38702 |
| 1813 | 0 | 0 | 1866 | 38.535 | 23.8917 |
| 1814 | 0 | 0 | 1867 | 38.795 | 24.0529 |
| 1815 | 0 | 0 | 1868 | 38.118 | 23.63316 |
| 1816 | 0 | 0 | 1869 | 38.153 | 23.65486 |
| 1817 | 0 | 0 | 1870 | 39.112 | 24.24944 |
| 1818 | 0 | 0 | 1871 | 38.114 | 23.63068 |
| 1819 | 0 | 0 | 1872 | 38.166 | 23.66292 |
| 1820 | 0 | 0 | 1873 | 39.129 | 24.25998 |
| 1821 | 0 | 0 | 1874 | 40.776 | 25.28112 |
| 1822 | 0 | 0 | 1875 | 40.149 | 24.89238 |
| 1823 | 0 | 0 | 1876 | 41.961 | 26.01582 |
| 1824 | 1.161 | 0.71982 | 1877 | 41.103 | 25.48386 |
| 1825 | 3.148 | 1.95176 | 1878 | 42.683 | 26.46346 |
| 1826 | 7.759 | 4.81058 | 1879 | 42.101 | 26.10262 |
| 1827 | 11.74 | 7.2788 | 1880 | 43.665 | 27.0723 |
| 1828 | 13.151 | 8.15362 | 1881 | 43.112 | 26.72944 |
| 1829 | 14.17 | 8.7854 | 1882 | 42.142 | 26.12804 |
| 1830 | 16.107 | 9.98634 | 1883 | 41.151 | 25.51362 |
| 1831 | 18.131 | 11.24122 | 1884 | 40.101 | 24.86262 |
| 1832 | 20.554 | 12.74348 | 1885 | 38.17 | 23.6654 |
| 1833 | 19.721 | 12.22702 | 1886 | 37.147 | 23.03114 |
| 1834 | 19.684 | 12.20408 | 1887 | 34.424 | 21.34288 |
| 1835 | 20.369 | 12.62878 | 1888 | 28.925 | 17.9335 |
| 1836 | 21.74 | 13.4788 | 1889 | 22.499 | 13.94938 |
| 1837 | 22.369 | 13.86878 | 1890 | 14.925 | 9.2535 |
| 1838 | 22.12 | 13.7144 | 1891 | 7.425 | 4.6035 |
| 1839 | 24.369 | 15.10878 | 1892 | 1.481 | 0.91822 |
| 1840 | 23.98 | 14.8676 | 1893 | 0 | 0 |
| 1841 | 24.258 | 15.03996 | 1894 | 0 | 0 |
| 1842 | 25.918 | 16.06916 | 1895 | 0 | 0 |
| 1843 | 25.129 | 15.57998 | 1896 | 0 | 0 |
| 1844 | 27.12 | 16.8144 | 1897 | 0 | 0 |
| 1845 | 29.98 | 18.5876 | 1898 | 0 | 0 |
| 1846 | 29.869 | 18.51878 | 1899 | 0 | 0 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 1900 | 0 | 0 |
| 1901 | 0 | 0 |
| 1902 | 0 | 0 |
| 1903 | 0 | 0 |
| 1904 | 0 | 0 |
| 1905 | 0 | 0 |
| 1906 | 0 | 0 |
| 1907 | 0 | 0 |
| 1908 | 0 | 0 |
| 1909 | 0 | 0 |
| 1910 | 0 | 0 |
| 1911 | 0 | 0 |
| 1912 | 0 | 0 |
| 1913 | 0 | 0 |
| 1914 | 0 | 0 |
| 1915 | 0 | 0 |
| 1916 | 0 | 0 |
| 1917 | 0 | 0 |
| 1918 | 0 | 0 |
| 1919 | 0 | 0 |
| 1920 | 0 | 0 |
| 1921 | 0 | 0 |
| 1922 | 0 | 0 |
| 1923 | 0 | 0 |
| 1924 | 0 | 0 |
| 1925 | 0 | 0 |
| 1926 | 0 | 0 |
| 1927 | 0 | 0 |
| 1928 | 0 | 0 |
| 1929 | 0 | 0 |
| 1930 | 1.131 | 0.70122 |
| 1931 | 2.149 | 1.33238 |
| 1932 | 3.122 | 1.93564 |
| 1933 | 5.153 | 3.19486 |
| 1934 | 8.536 | 5.29232 |
| 1935 | 7.999 | 4.95938 |
| 1936 | 7.444 | 4.61528 |
| 1937 | 7.87 | 4.8794 |
| 1938 | 6.111 | 3.78882 |
| 1939 | 5.103 | 3.16386 |
| 1940 | 5.814 | 3.60468 |
| 1941 | 4.135 | 2.5637 |
| 1942 | 6.999 | 4.33938 |
| 1943 | 9.105 | 5.6451 |
| 1944 | 12.295 | 7.6229 |
| 1945 | 13.177 | 8.16974 |
| 1946 | 15.162 | 9.40044 |
| 1947 | 18.12 | 11.2344 |
| 1948 | 21.61 | 13.3982 |
| 1949 | 22.591 | 14.00642 |
| 1950 | 22.999 | 14.25938 |
| 1951 | 23.103 | 14.32386 |
| 1952 | 24.573 | 15.23526 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 1953 | 23.888 | 14.81056 |
| 1954 | 23.943 | 14.84466 |
| 1955 | 22.943 | 14.22466 |
| 1956 | 21.758 | 13.48996 |
| 1957 | 19.105 | 11.8451 |
| 1958 | 15.135 | 9.3837 |
| 1959 | 12.518 | 7.76116 |
| 1960 | 9.107 | 5.64634 |
| 1961 | 7.981 | 4.94822 |
| 1962 | 8.777 | 5.44174 |
| 1963 | 10.314 | 6.39468 |
| 1964 | 9.111 | 5.64882 |
| 1965 | 9.462 | 5.86644 |
| 1966 | 10.888 | 6.75056 |
| 1967 | 11.647 | 7.22114 |
| 1968 | 10.758 | 6.66996 |
| 1969 | 9.462 | 5.86644 |
| 1970 | 7.925 | 4.9135 |
| 1971 | 6.573 | 4.07526 |
| 1972 | 4.114 | 2.55068 |
| 1973 | 1.179 | 0.73098 |
| 1974 | 0 | 0 |
| 1975 | 0 | 0 |
| 1976 | 0 | 0 |
| 1977 | 0 | 0 |
| 1978 | 0 | 0 |
| 1979 | 0 | 0 |
| 1980 | 0 | 0 |
| 1981 | 0 | 0 |
| 1982 | 0 | 0 |
| 1983 | 0 | 0 |
| 1984 | 0 | 0 |
| 1985 | 0 | 0 |
| 1986 | 0 | 0 |
| 1987 | 0 | 0 |
| 1988 | 0 | 0 |
| 1989 | 0 | 0 |
| 1990 | 0 | 0 |
| 1991 | 0 | 0 |
| 1992 | 0 | 0 |
| 1993 | 0 | 0 |
| 1994 | 0 | 0 |
| 1995 | 0 | 0 |
| 1996 | 0 | 0 |
| 1997 | 0 | 0 |
| 1998 | 0 | 0 |
| 1999 | 0 | 0 |
| 2000 | 0 | 0 |
| 2001 | 0 | 0 |
| 2002 | 0 | 0 |
| 2003 | 0 | 0 |
| 2004 | 0 | 0 |
| 2005 | 0 | 0 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 2006 | 0 | 0 |
| 2007 | 0 | 0 |
| 2008 | 0 | 0 |
| 2009 | 0 | 0 |
| 2010 | 0 | 0 |
| 2011 | 0 | 0 |
| 2012 | 0 | 0 |
| 2013 | 0 | 0 |
| 2014 | 0 | 0 |
| 2015 | 0 | 0 |
| 2016 | 0 | 0 |
| 2017 | 0 | 0 |
| 2018 | 0 | 0 |
| 2019 | 0 | 0 |
| 2020 | 0 | 0 |
| 2021 | 0 | 0 |
| 2022 | 0 | 0 |
| 2023 | 0 | 0 |
| 2024 | 0 | 0 |
| 2025 | 0 | 0 |
| 2026 | 1.135 | 0.7037 |
| 2027 | 7.133 | 4.42246 |
| 2028 | 13.144 | 8.14928 |
| 2029 | 19.573 | 12.13526 |
| 2030 | 24.777 | 15.36174 |
| 2031 | 28.14 | 17.4468 |
| 2032 | 33.813 | 20.96406 |
| 2033 | 36.517 | 22.64054 |
| 2034 | 38.146 | 23.65052 |
| 2035 | 42.832 | 26.55584 |
| 2036 | 45.105 | 27.9651 |
| 2037 | 47.11 | 29.2082 |
| 2038 | 49.943 | 30.96466 |
| 2039 | 50.12 | 31.0744 |
| 2040 | 49.19 | 30.4978 |
| 2041 | 48.998 | 30.37876 |
| 2042 | 47.628 | 29.52936 |
| 2043 | 43.85 | 27.187 |
| 2044 | 38.101 | 23.62262 |
| 2045 | 32.111 | 19.90882 |
| 2046 | 26.131 | 16.20122 |
| 2047 | 19.592 | 12.14704 |
| 2048 | 11.109 | 6.88758 |
| 2049 | 5.118 | 3.17316 |
| 2050 | 1.161 | 0.71982 |
| 2051 | 0 | 0 |
| 2052 | 0 | 0 |
| 2053 | 0 | 0 |
| 2054 | 0 | 0 |
| 2055 | 0 | 0 |
| 2056 | 0 | 0 |
| 2057 | 0 | 0 |
| 2058 | 0 | 0 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 2059 | 0 | 0 |
| 2060 | 0 | 0 |
| 2061 | 0 | 0 |
| 2062 | 0 | 0 |
| 2063 | 0 | 0 |
| 2064 | 0 | 0 |
| 2065 | 0 | 0 |
| 2066 | 0 | 0 |
| 2067 | 0 | 0 |
| 2068 | 0 | 0 |
| 2069 | 0 | 0 |
| 2070 | 0 | 0 |
| 2071 | 0 | 0 |
| 2072 | 0 | 0 |
| 2073 | 0 | 0 |
| 2074 | 0 | 0 |
| 2075 | 0 | 0 |
| 2076 | 0 | 0 |
| 2077 | 0 | 0 |
| 2078 | 0 | 0 |
| 2079 | 0 | 0 |
| 2080 | 0 | 0 |
| 2081 | 0 | 0 |
| 2082 | 0 | 0 |
| 2083 | 0 | 0 |
| 2084 | 0 | 0 |
| 2085 | 0 | 0 |
| 2086 | 0 | 0 |
| 2087 | 0 | 0 |
| 2088 | 2.127 | 1.31874 |
| 2089 | 9.107 | 5.64634 |
| 2090 | 15.14 | 9.3868 |
| 2091 | 21.103 | 13.08386 |
| 2092 | 26.172 | 16.22664 |
| 2093 | 32.129 | 19.91998 |
| 2094 | 38.647 | 23.96114 |
| 2095 | 40.173 | 24.90726 |
| 2096 | 44.683 | 27.70346 |
| 2097 | 46.609 | 28.89758 |
| 2098 | 48.146 | 29.85052 |
| 2099 | 49.609 | 30.75758 |
| 2100 | 49.181 | 30.49222 |
| 2101 | 49.198 | 30.50276 |
| 2102 | 49.172 | 30.48664 |
| 2103 | 49.813 | 30.88406 |
| 2104 | 48.906 | 30.32172 |
| 2105 | 47.107 | 29.20634 |
| 2106 | 47.554 | 29.48348 |
| 2107 | 45.12 | 27.9744 |
| 2108 | 44.109 | 27.34758 |
| 2109 | 43.887 | 27.20994 |
| 2110 | 39.172 | 24.28664 |
| 2111 | 37.758 | 23.40996 |

| Time (s) | Speed (kph) | Speed (mph) |
|-----------------|--------------------|--------------------|
| 2112 | 34.107 | 21.14634 |
| 2113 | 31.647 | 19.62114 |
| 2114 | 29.888 | 18.53056 |
| 2115 | 27.14 | 16.8268 |
| 2116 | 24.554 | 15.22348 |
| 2117 | 18.129 | 11.23998 |
| 2118 | 11.499 | 7.12938 |
| 2119 | 3.116 | 1.93192 |
| 2120 | 0 | 0 |
| 2121 | 0 | 0 |
| 2122 | 0 | 0 |
| 2123 | 0 | 0 |
| 2124 | 0 | 0 |
| 2125 | 0 | 0 |
| 2126 | 0 | 0 |
| 2127 | 0 | 0 |
| 2128 | 0 | 0 |
| 2129 | 0 | 0 |
| 2130 | 0 | 0 |
| 2131 | 0 | 0 |
| 2132 | 0 | 0 |
| 2133 | 0 | 0 |
| 2134 | 0 | 0 |
| 2135 | 0 | 0 |
| 2136 | 0 | 0 |
| 2137 | 0 | 0 |
| 2138 | 0 | 0 |
| 2139 | 0 | 0 |
| 2140 | 0 | 0 |
| 2141 | 0 | 0 |
| 2142 | 0 | 0 |
| 2143 | 0 | 0 |
| 2144 | 0 | 0 |
| 2145 | 0 | 0 |
| 2146 | 0 | 0 |
| 2147 | 0 | 0 |
| 2148 | 0 | 0 |
| 2149 | 0 | 0 |
| 2150 | 0 | 0 |
| 2151 | 0 | 0 |
| 2152 | 0 | 0 |
| 2153 | 0 | 0 |
| 2154 | 0 | 0 |
| 2155 | 0 | 0 |
| 2156 | 0 | 0 |
| 2157 | 0 | 0 |
| 2158 | 0 | 0 |
| 2159 | 0 | 0 |
| 2160 | 0 | 0 |
| 2161 | 0 | 0 |
| 2162 | 0 | 0 |
| 2163 | 1.592 | 0.98704 |
| 2164 | 1.124 | 0.69688 |

| Time (s) | Speed (kph) | Speed (mph) |
|-----------------|--------------------|--------------------|
| 2165 | 2.127 | 1.31874 |
| 2166 | 3.124 | 1.93688 |
| 2167 | 5.833 | 3.61646 |
| 2168 | 10.999 | 6.81938 |
| 2169 | 15.103 | 9.36386 |
| 2170 | 20.573 | 12.75526 |
| 2171 | 25.462 | 15.78644 |
| 2172 | 29.109 | 18.04758 |
| 2173 | 32.943 | 20.42466 |
| 2174 | 35.776 | 22.18112 |
| 2175 | 38.129 | 23.63998 |
| 2176 | 42.591 | 26.40642 |
| 2177 | 44.14 | 27.3668 |
| 2178 | 46.105 | 28.5851 |
| 2179 | 48.924 | 30.33288 |
| 2180 | 49.157 | 30.47734 |
| 2181 | 50.138 | 31.08556 |
| 2182 | 51.101 | 31.68262 |
| 2183 | 51.142 | 31.70804 |
| 2184 | 51.14 | 31.7068 |
| 2185 | 51.146 | 31.71052 |
| 2186 | 51.14 | 31.7068 |
| 2187 | 51.98 | 32.2276 |
| 2188 | 50.168 | 31.10416 |
| 2189 | 50.135 | 31.0837 |
| 2190 | 50.114 | 31.07068 |
| 2191 | 51.887 | 32.16994 |
| 2192 | 51.107 | 31.68634 |
| 2193 | 50.144 | 31.08928 |
| 2194 | 49.186 | 30.49532 |
| 2195 | 49.114 | 30.45068 |
| 2196 | 47.887 | 29.68994 |
| 2197 | 42.157 | 26.13734 |
| 2198 | 38.11 | 23.6282 |
| 2199 | 31.628 | 19.60936 |
| 2200 | 24.105 | 14.9451 |
| 2201 | 17.111 | 10.60882 |
| 2202 | 10.107 | 6.26634 |
| 2203 | 3.74 | 2.3188 |
| 2204 | 0 | 0 |
| 2205 | 0 | 0 |
| 2206 | 0 | 0 |
| 2207 | 0 | 0 |
| 2208 | 0 | 0 |
| 2209 | 0 | 0 |
| 2210 | 0 | 0 |
| 2211 | 0 | 0 |
| 2212 | 0 | 0 |
| 2213 | 0 | 0 |
| 2214 | 0 | 0 |
| 2215 | 0 | 0 |
| 2216 | 0 | 0 |
| 2217 | 0 | 0 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 2218 | 0 | 0 |
| 2219 | 0 | 0 |
| 2220 | 0 | 0 |
| 2221 | 0 | 0 |
| 2222 | 0 | 0 |
| 2223 | 0 | 0 |
| 2224 | 0 | 0 |
| 2225 | 0 | 0 |
| 2226 | 0 | 0 |
| 2227 | 0 | 0 |
| 2228 | 0 | 0 |
| 2229 | 1.907 | 1.18234 |
| 2230 | 7.536 | 4.67232 |
| 2231 | 13.116 | 8.13192 |
| 2232 | 19.101 | 11.84262 |
| 2233 | 25.702 | 15.93524 |
| 2234 | 30.142 | 18.68804 |
| 2235 | 36.573 | 22.67526 |
| 2236 | 38.112 | 23.62944 |
| 2237 | 40.98 | 25.4076 |
| 2238 | 41.151 | 25.51362 |
| 2239 | 43.906 | 27.22172 |
| 2240 | 43.116 | 26.73192 |
| 2241 | 43.136 | 26.74432 |
| 2242 | 43.609 | 27.03758 |
| 2243 | 40.943 | 25.38466 |
| 2244 | 37.11 | 23.0082 |
| 2245 | 32.906 | 20.40172 |
| 2246 | 30.146 | 18.69052 |
| 2247 | 33.573 | 20.81526 |
| 2248 | 36.869 | 22.85878 |
| 2249 | 38.168 | 23.66416 |
| 2250 | 38.185 | 23.6747 |
| 2251 | 38.116 | 23.63192 |
| 2252 | 37.702 | 23.37524 |
| 2253 | 33.721 | 20.90702 |
| 2254 | 25.177 | 15.60974 |
| 2255 | 16.151 | 10.01362 |
| 2256 | 8.573 | 5.31526 |
| 2257 | 1.116 | 0.69192 |
| 2258 | 0 | 0 |
| 2259 | 0 | 0 |
| 2260 | 0 | 0 |
| 2261 | 0 | 0 |
| 2262 | 0 | 0 |
| 2263 | 0 | 0 |
| 2264 | 0 | 0 |
| 2265 | 0 | 0 |
| 2266 | 0 | 0 |
| 2267 | 0 | 0 |
| 2268 | 0 | 0 |
| 2269 | 0 | 0 |
| 2270 | 1.277 | 0.79174 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 2271 | 7.407 | 4.59234 |
| 2272 | 8.981 | 5.56822 |
| 2273 | 10.277 | 6.37174 |
| 2274 | 15.114 | 9.37068 |
| 2275 | 22.795 | 14.1329 |
| 2276 | 27.142 | 16.82804 |
| 2277 | 33.591 | 20.82642 |
| 2278 | 37.295 | 23.1229 |
| 2279 | 39.168 | 24.28416 |
| 2280 | 43.116 | 26.73192 |
| 2281 | 46.887 | 29.06994 |
| 2282 | 48.665 | 30.1723 |
| 2283 | 48.924 | 30.33288 |
| 2284 | 48.387 | 29.99994 |
| 2285 | 48.48 | 30.0576 |
| 2286 | 48.109 | 29.82758 |
| 2287 | 49.11 | 30.4482 |
| 2288 | 50.148 | 31.09176 |
| 2289 | 52.924 | 32.81288 |
| 2290 | 53.103 | 32.92386 |
| 2291 | 54.138 | 33.56556 |
| 2292 | 55.14 | 34.1868 |
| 2293 | 56.924 | 35.29288 |
| 2294 | 56.609 | 35.09758 |
| 2295 | 54.146 | 33.57052 |
| 2296 | 53.127 | 32.93874 |
| 2297 | 52.151 | 32.33362 |
| 2298 | 50.157 | 31.09734 |
| 2299 | 48.103 | 29.82386 |
| 2300 | 45.572 | 28.25464 |
| 2301 | 39.129 | 24.25998 |
| 2302 | 33.61 | 20.8382 |
| 2303 | 25.153 | 15.59486 |
| 2304 | 20.122 | 12.47564 |
| 2305 | 14.177 | 8.78974 |
| 2306 | 10.795 | 6.6929 |
| 2307 | 5.144 | 3.18928 |
| 2308 | 2.116 | 1.31192 |
| 2309 | 1.555 | 0.9641 |
| 2310 | 0 | 0 |
| 2311 | 0 | 0 |
| 2312 | 0 | 0 |
| 2313 | 0 | 0 |
| 2314 | 0 | 0 |
| 2315 | 0 | 0 |
| 2316 | 0 | 0 |
| 2317 | 0 | 0 |
| 2318 | 0 | 0 |
| 2319 | 0 | 0 |
| 2320 | 0 | 0 |
| 2321 | 0 | 0 |
| 2322 | 0 | 0 |
| 2323 | 0 | 0 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 2324 | 0 | 0 |
| 2325 | 0 | 0 |
| 2326 | 0 | 0 |
| 2327 | 0 | 0 |
| 2328 | 0 | 0 |
| 2329 | 0 | 0 |
| 2330 | 0 | 0 |
| 2331 | 0 | 0 |
| 2332 | 0 | 0 |
| 2333 | 0 | 0 |
| 2334 | 0 | 0 |
| 2335 | 0 | 0 |
| 2336 | 0 | 0 |
| 2337 | 0 | 0 |
| 2338 | 0 | 0 |
| 2339 | 0 | 0 |
| 2340 | 0 | 0 |
| 2341 | 0 | 0 |
| 2342 | 0 | 0 |
| 2343 | 0 | 0 |
| 2344 | 0 | 0 |
| 2345 | 0 | 0 |
| 2346 | 0 | 0 |
| 2347 | 0 | 0 |
| 2348 | 0 | 0 |
| 2349 | 0 | 0 |
| 2350 | 0 | 0 |
| 2351 | 0 | 0 |
| 2352 | 0 | 0 |
| 2353 | 0 | 0 |
| 2354 | 0 | 0 |
| 2355 | 1.74 | 1.0788 |
| 2356 | 6.127 | 3.79874 |
| 2357 | 12.74 | 7.8988 |
| 2358 | 16.814 | 10.42468 |
| 2359 | 20.127 | 12.47874 |
| 2360 | 25.684 | 15.92408 |
| 2361 | 29.109 | 18.04758 |
| 2362 | 33.387 | 20.69994 |
| 2363 | 35.924 | 22.27288 |
| 2364 | 38.517 | 23.88054 |
| 2365 | 40.961 | 25.39582 |
| 2366 | 42.906 | 26.60172 |
| 2367 | 43.142 | 26.74804 |
| 2368 | 43.12 | 26.7344 |
| 2369 | 43.116 | 26.73192 |
| 2370 | 45.461 | 28.18582 |
| 2371 | 46.85 | 29.047 |
| 2372 | 47.665 | 29.5523 |
| 2373 | 47.776 | 29.62112 |
| 2374 | 48.107 | 29.82634 |
| 2375 | 48.535 | 30.0917 |
| 2376 | 49.609 | 30.75758 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 2377 | 49.116 | 30.45192 |
| 2378 | 49.813 | 30.88406 |
| 2379 | 49.776 | 30.86112 |
| 2380 | 49.112 | 30.44944 |
| 2381 | 49.11 | 30.4482 |
| 2382 | 49.181 | 30.49222 |
| 2383 | 51.112 | 31.68944 |
| 2384 | 52.109 | 32.30758 |
| 2385 | 52.168 | 32.34416 |
| 2386 | 51.123 | 31.69626 |
| 2387 | 49.103 | 30.44386 |
| 2388 | 48.387 | 29.99994 |
| 2389 | 44.14 | 27.3668 |
| 2390 | 40.906 | 25.36172 |
| 2391 | 35.103 | 21.76386 |
| 2392 | 29.149 | 18.07238 |
| 2393 | 25.517 | 15.82054 |
| 2394 | 20.869 | 12.93878 |
| 2395 | 15.161 | 9.39982 |
| 2396 | 10.518 | 6.52116 |
| 2397 | 4.999 | 3.09938 |
| 2398 | 1.74 | 1.0788 |
| 2399 | 0 | 0 |
| 2400 | 0 | 0 |
| 2401 | 0 | 0 |
| 2402 | 0 | 0 |
| 2403 | 0 | 0 |
| 2404 | 0 | 0 |
| 2405 | 0 | 0 |
| 2406 | 0 | 0 |
| 2407 | 0 | 0 |
| 2408 | 0 | 0 |
| 2409 | 0 | 0 |
| 2410 | 0 | 0 |
| 2411 | 0 | 0 |
| 2412 | 0 | 0 |
| 2413 | 0 | 0 |
| 2414 | 0 | 0 |
| 2415 | 0 | 0 |
| 2416 | 0 | 0 |
| 2417 | 0 | 0 |
| 2418 | 0 | 0 |
| 2419 | 0 | 0 |
| 2420 | 0 | 0 |
| 2421 | 0 | 0 |
| 2422 | 0 | 0 |
| 2423 | 0 | 0 |
| 2424 | 0 | 0 |
| 2425 | 0 | 0 |
| 2426 | 0 | 0 |
| 2427 | 0 | 0 |
| 2428 | 0 | 0 |
| 2429 | 0 | 0 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 2430 | 0 | 0 |
| 2431 | 0 | 0 |
| 2432 | 0 | 0 |
| 2433 | 0 | 0 |
| 2434 | 0 | 0 |
| 2435 | 0 | 0 |
| 2436 | 0 | 0 |
| 2437 | 0 | 0 |
| 2438 | 0 | 0 |
| 2439 | 0 | 0 |
| 2440 | 5.101 | 3.16262 |
| 2441 | 12.703 | 7.87586 |
| 2442 | 16.125 | 9.9975 |
| 2443 | 20.133 | 12.48246 |
| 2444 | 24.107 | 14.94634 |
| 2445 | 27.157 | 16.83734 |
| 2446 | 31.758 | 19.68996 |
| 2447 | 35.387 | 21.93994 |
| 2448 | 38.443 | 23.83466 |
| 2449 | 40.168 | 24.90416 |
| 2450 | 42.153 | 26.13486 |
| 2451 | 44.12 | 27.3544 |
| 2452 | 46.114 | 28.59068 |
| 2453 | 47.924 | 29.71288 |
| 2454 | 49.609 | 30.75758 |
| 2455 | 49.133 | 30.46246 |
| 2456 | 49.192 | 30.49904 |
| 2457 | 51.127 | 31.69874 |
| 2458 | 52.16 | 32.3392 |
| 2459 | 53.998 | 33.47876 |
| 2460 | 53.157 | 32.95734 |
| 2461 | 53.12 | 32.9344 |
| 2462 | 52.133 | 32.32246 |
| 2463 | 51.142 | 31.70804 |
| 2464 | 50.148 | 31.09176 |
| 2465 | 49.188 | 30.49656 |
| 2466 | 49.166 | 30.48292 |
| 2467 | 49.125 | 30.4575 |
| 2468 | 49.776 | 30.86112 |
| 2469 | 49.406 | 30.63172 |
| 2470 | 48.107 | 29.82634 |
| 2471 | 49.11 | 30.4482 |
| 2472 | 49.103 | 30.44386 |
| 2473 | 48.702 | 30.19524 |
| 2474 | 45.943 | 28.48466 |
| 2475 | 42.665 | 26.4523 |
| 2476 | 38.148 | 23.65176 |
| 2477 | 35.961 | 22.29582 |
| 2478 | 32.536 | 20.17232 |
| 2479 | 27.149 | 16.83238 |
| 2480 | 22.499 | 13.94938 |
| 2481 | 14.944 | 9.26528 |
| 2482 | 6.87 | 4.2594 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 2483 | 1.74 | 1.0788 |
| 2484 | 0 | 0 |
| 2485 | 0 | 0 |
| 2486 | 0 | 0 |
| 2487 | 0 | 0 |
| 2488 | 0 | 0 |
| 2489 | 0 | 0 |
| 2490 | 0 | 0 |
| 2491 | 0 | 0 |
| 2492 | 0 | 0 |
| 2493 | 0 | 0 |
| 2494 | 0 | 0 |
| 2495 | 0 | 0 |
| 2496 | 0 | 0 |
| 2497 | 0 | 0 |
| 2498 | 0 | 0 |
| 2499 | 0 | 0 |
| 2500 | 0 | 0 |
| 2501 | 0 | 0 |
| 2502 | 0 | 0 |
| 2503 | 0 | 0 |
| 2504 | 0 | 0 |
| 2505 | 0 | 0 |
| 2506 | 0 | 0 |
| 2507 | 0 | 0 |
| 2508 | 0 | 0 |
| 2509 | 0 | 0 |
| 2510 | 0 | 0 |
| 2511 | 0 | 0 |
| 2512 | 0 | 0 |
| 2513 | 1.444 | 0.89528 |
| 2514 | 2.137 | 1.32494 |
| 2515 | 8.499 | 5.26938 |
| 2516 | 15.146 | 9.39052 |
| 2517 | 23.277 | 14.43174 |
| 2518 | 28.116 | 17.43192 |
| 2519 | 34.101 | 21.14262 |
| 2520 | 39.148 | 24.27176 |
| 2521 | 44.498 | 27.58876 |
| 2522 | 47.739 | 29.59818 |
| 2523 | 49.149 | 30.47238 |
| 2524 | 51.118 | 31.69316 |
| 2525 | 53.998 | 33.47876 |
| 2526 | 54.153 | 33.57486 |
| 2527 | 57.498 | 35.64876 |
| 2528 | 58.961 | 36.55582 |
| 2529 | 60.831 | 37.71522 |
| 2530 | 62.114 | 38.51068 |
| 2531 | 62.85 | 38.967 |
| 2532 | 62.147 | 38.53114 |
| 2533 | 63.151 | 39.15362 |
| 2534 | 64.147 | 39.77114 |
| 2535 | 66.107 | 40.98634 |

| Time (s) | Speed (kph) | Speed (mph) |
|-----------------|--------------------|--------------------|
| 2536 | 66.136 | 41.00432 |
| 2537 | 67.14 | 41.6268 |
| 2538 | 68.831 | 42.67522 |
| 2539 | 68.134 | 42.24308 |
| 2540 | 68.129 | 42.23998 |
| 2541 | 69.627 | 43.16874 |
| 2542 | 68.107 | 42.22634 |
| 2543 | 67.683 | 41.96346 |
| 2544 | 65.164 | 40.40168 |
| 2545 | 65.105 | 40.3651 |
| 2546 | 65.905 | 40.8611 |
| 2547 | 65.942 | 40.88404 |
| 2548 | 63.177 | 39.16974 |
| 2549 | 60.924 | 37.77288 |
| 2550 | 57.628 | 35.72936 |
| 2551 | 52.116 | 32.31192 |
| 2552 | 52.116 | 32.31192 |
| 2553 | 43.869 | 27.19878 |
| 2554 | 38.173 | 23.66726 |
| 2555 | 34.109 | 21.14758 |
| 2556 | 26.103 | 16.18386 |
| 2557 | 17.721 | 10.98702 |
| 2558 | 8.703 | 5.39586 |
| 2559 | 3.703 | 2.29586 |
| 2560 | 1.105 | 0.6851 |
| 2561 | 0 | 0 |
| 2562 | 0 | 0 |
| 2563 | 0 | 0 |
| 2564 | 0 | 0 |
| 2565 | 0 | 0 |
| 2566 | 0 | 0 |
| 2567 | 0 | 0 |
| 2568 | 0 | 0 |
| 2569 | 0 | 0 |
| 2570 | 0 | 0 |
| 2571 | 0 | 0 |
| 2572 | 0 | 0 |
| 2573 | 0 | 0 |
| 2574 | 0 | 0 |
| 2575 | 0 | 0 |
| 2576 | 0 | 0 |
| 2577 | 0 | 0 |
| 2578 | 0 | 0 |
| 2579 | 0 | 0 |
| 2580 | 0 | 0 |
| 2581 | 0 | 0 |
| 2582 | 0 | 0 |
| 2583 | 0 | 0 |
| 2584 | 0 | 0 |
| 2585 | 0 | 0 |
| 2586 | 0 | 0 |
| 2587 | 1.142 | 0.70804 |
| 2588 | 7.133 | 4.42246 |

| Time (s) | Speed (kph) | Speed (mph) |
|-----------------|--------------------|--------------------|
| 2589 | 13.136 | 8.14432 |
| 2590 | 19.555 | 12.1241 |
| 2591 | 24.314 | 15.07468 |
| 2592 | 28.906 | 17.92172 |
| 2593 | 32.591 | 20.20642 |
| 2594 | 35.702 | 22.13524 |
| 2595 | 38.11 | 23.6282 |
| 2596 | 39.961 | 24.77582 |
| 2597 | 40.144 | 24.88928 |
| 2598 | 42.133 | 26.12246 |
| 2599 | 44.122 | 27.35564 |
| 2600 | 46.107 | 28.58634 |
| 2601 | 48.794 | 30.25228 |
| 2602 | 49.177 | 30.48974 |
| 2603 | 51.151 | 31.71362 |
| 2604 | 53.702 | 33.29524 |
| 2605 | 53.16 | 32.9592 |
| 2606 | 54.136 | 33.56432 |
| 2607 | 55.776 | 34.58112 |
| 2608 | 55.144 | 34.18928 |
| 2609 | 55.149 | 34.19238 |
| 2610 | 55.609 | 34.47758 |
| 2611 | 54.72 | 33.9264 |
| 2612 | 53.757 | 33.32934 |
| 2613 | 52.107 | 32.30634 |
| 2614 | 51.133 | 31.70246 |
| 2615 | 50.135 | 31.0837 |
| 2616 | 49.198 | 30.50276 |
| 2617 | 49.998 | 30.99876 |
| 2618 | 48.103 | 29.82386 |
| 2619 | 48.165 | 29.8623 |
| 2620 | 45.98 | 28.5076 |
| 2621 | 41.114 | 25.49068 |
| 2622 | 37.591 | 23.30642 |
| 2623 | 31.869 | 19.75878 |
| 2624 | 24.443 | 15.15466 |
| 2625 | 15.127 | 9.37874 |
| 2626 | 8.74 | 5.4188 |
| 2627 | 1.181 | 0.73222 |
| 2628 | 1.24 | 0.7688 |
| 2629 | 0 | 0 |
| 2630 | 0 | 0 |
| 2631 | 0 | 0 |
| 2632 | 0 | 0 |
| 2633 | 0 | 0 |
| 2634 | 0 | 0 |
| 2635 | 0 | 0 |
| 2636 | 0 | 0 |
| 2637 | 0 | 0 |
| 2638 | 0 | 0 |
| 2639 | 0 | 0 |
| 2640 | 0 | 0 |
| 2641 | 0 | 0 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 2642 | 0 | 0 |
| 2643 | 0 | 0 |
| 2644 | 0 | 0 |
| 2645 | 0 | 0 |
| 2646 | 0 | 0 |
| 2647 | 0 | 0 |
| 2648 | 0 | 0 |
| 2649 | 0 | 0 |
| 2650 | 0 | 0 |
| 2651 | 0 | 0 |
| 2652 | 0 | 0 |
| 2653 | 0 | 0 |
| 2654 | 0 | 0 |
| 2655 | 1.481 | 0.91822 |
| 2656 | 3.944 | 2.44528 |
| 2657 | 8.114 | 5.03068 |
| 2658 | 13.149 | 8.15238 |
| 2659 | 18.101 | 11.22262 |
| 2660 | 23.573 | 14.61526 |
| 2661 | 27.116 | 16.81192 |
| 2662 | 31.517 | 19.54054 |
| 2663 | 33.118 | 20.53316 |
| 2664 | 36.869 | 22.85878 |
| 2665 | 38.153 | 23.65486 |
| 2666 | 41.961 | 26.01582 |
| 2667 | 43.125 | 26.7375 |
| 2668 | 45.127 | 27.97874 |
| 2669 | 47.961 | 29.73582 |
| 2670 | 49.609 | 30.75758 |
| 2671 | 50.14 | 31.0868 |
| 2672 | 52.157 | 32.33734 |
| 2673 | 54.103 | 33.54386 |
| 2674 | 56.831 | 35.23522 |
| 2675 | 57.942 | 35.92404 |
| 2676 | 57.72 | 35.7864 |
| 2677 | 57.405 | 35.5911 |
| 2678 | 57.757 | 35.80934 |
| 2679 | 57.127 | 35.41874 |
| 2680 | 58.85 | 36.487 |
| 2681 | 59.294 | 36.76228 |
| 2682 | 59.813 | 37.08406 |
| 2683 | 58.776 | 36.44112 |
| 2684 | 57.794 | 35.83228 |
| 2685 | 56.961 | 35.31582 |
| 2686 | 55.142 | 34.18804 |
| 2687 | 55.794 | 34.59228 |
| 2688 | 54.794 | 33.97228 |
| 2689 | 53.151 | 32.95362 |
| 2690 | 53.151 | 32.95362 |
| 2691 | 54.109 | 33.54758 |
| 2692 | 55.776 | 34.58112 |
| 2693 | 55.149 | 34.19238 |
| 2694 | 56.118 | 34.79316 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 2695 | 56.116 | 34.79192 |
| 2696 | 56.116 | 34.79192 |
| 2697 | 51.105 | 31.6851 |
| 2698 | 51.179 | 31.73098 |
| 2699 | 47.98 | 29.7476 |
| 2700 | 41.887 | 25.96994 |
| 2701 | 34.111 | 21.14882 |
| 2702 | 27.127 | 16.81874 |
| 2703 | 20.499 | 12.70938 |
| 2704 | 13.153 | 8.15486 |
| 2705 | 9.118 | 5.65316 |
| 2706 | 5.722 | 3.54764 |
| 2707 | 1.142 | 0.70804 |
| 2708 | 0 | 0 |
| 2709 | 0 | 0 |
| 2710 | 0 | 0 |
| 2711 | 0 | 0 |
| 2712 | 0 | 0 |
| 2713 | 0 | 0 |
| 2714 | 0 | 0 |
| 2715 | 0 | 0 |
| 2716 | 0 | 0 |
| 2717 | 0 | 0 |
| 2718 | 0 | 0 |
| 2719 | 0 | 0 |
| 2720 | 0 | 0 |
| 2721 | 0 | 0 |
| 2722 | 0 | 0 |
| 2723 | 0 | 0 |
| 2724 | 0 | 0 |
| 2725 | 0 | 0 |
| 2726 | 0 | 0 |
| 2727 | 1.161 | 0.71982 |
| 2728 | 8.666 | 5.37292 |
| 2729 | 13.981 | 8.66822 |
| 2730 | 17.832 | 11.05584 |
| 2731 | 21.61 | 13.3982 |
| 2732 | 25.925 | 16.0735 |
| 2733 | 31.536 | 19.55232 |
| 2734 | 36.98 | 22.9276 |
| 2735 | 40.16 | 24.8992 |
| 2736 | 43.118 | 26.73316 |
| 2737 | 46.869 | 29.05878 |
| 2738 | 49.165 | 30.4823 |
| 2739 | 49.239 | 30.52818 |
| 2740 | 49.591 | 30.74642 |
| 2741 | 48.813 | 30.26406 |
| 2742 | 48.22 | 29.8964 |
| 2743 | 48.813 | 30.26406 |
| 2744 | 49.112 | 30.44944 |
| 2745 | 50.133 | 31.08246 |
| 2746 | 51.151 | 31.71362 |
| 2747 | 52.868 | 32.77816 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 2748 | 52.135 | 32.3237 |
| 2749 | 53.72 | 33.3064 |
| 2750 | 53.157 | 32.95734 |
| 2751 | 55.628 | 34.48936 |
| 2752 | 56.572 | 35.07464 |
| 2753 | 56.125 | 34.7975 |
| 2754 | 57.85 | 35.867 |
| 2755 | 57.813 | 35.84406 |
| 2756 | 57.516 | 35.65992 |
| 2757 | 56.813 | 35.22406 |
| 2758 | 55.979 | 34.70698 |
| 2759 | 54.127 | 33.55874 |
| 2760 | 53.131 | 32.94122 |
| 2761 | 53.794 | 33.35228 |
| 2762 | 52.118 | 32.31316 |
| 2763 | 52.112 | 32.30944 |
| 2764 | 53.144 | 32.94928 |
| 2765 | 54.123 | 33.55626 |
| 2766 | 54.85 | 34.007 |
| 2767 | 53.135 | 32.9437 |
| 2768 | 51.164 | 31.72168 |
| 2769 | 49.16 | 30.4792 |
| 2770 | 49.572 | 30.73464 |
| 2771 | 48.85 | 30.287 |
| 2772 | 48.35 | 29.977 |
| 2773 | 47.943 | 29.72466 |
| 2774 | 47.961 | 29.73582 |
| 2775 | 48.276 | 29.93112 |
| 2776 | 49.294 | 30.56228 |
| 2777 | 50.135 | 31.0837 |
| 2778 | 53.813 | 33.36406 |
| 2779 | 54.136 | 33.56432 |
| 2780 | 55.11 | 34.1682 |
| 2781 | 56.591 | 35.08642 |
| 2782 | 56.591 | 35.08642 |
| 2783 | 54.103 | 33.54386 |
| 2784 | 45.943 | 28.48466 |
| 2785 | 38.109 | 23.62758 |
| 2786 | 29.14 | 18.0668 |
| 2787 | 20.122 | 12.47564 |
| 2788 | 12.109 | 7.50758 |
| 2789 | 6.127 | 3.79874 |
| 2790 | 3.161 | 1.95982 |
| 2791 | 3.833 | 2.37646 |
| 2792 | 2.114 | 1.31068 |
| 2793 | 1.499 | 0.92938 |
| 2794 | 0 | 0 |
| 2795 | 0 | 0 |
| 2796 | 0 | 0 |
| 2797 | 0 | 0 |
| 2798 | 0 | 0 |
| 2799 | 0 | 0 |
| 2800 | 0 | 0 |

| Time (s) | Speed (kph) | Speed (mph) |
|----------|-------------|-------------|
| 2801 | 0 | 0 |
| 2802 | 0 | 0 |
| 2803 | 0 | 0 |
| 2804 | 0 | 0 |
| 2805 | 0 | 0 |
| 2806 | 0 | 0 |
| 2807 | 0 | 0 |
| 2808 | 0 | 0 |
| 2809 | 0 | 0 |
| 2810 | 0 | 0 |
| 2811 | 0 | 0 |
| 2812 | 0 | 0 |
| 2813 | 0 | 0 |
| 2814 | 0 | 0 |
| 2815 | 0 | 0 |
| 2816 | 0 | 0 |
| 2817 | 0 | 0 |
| 2818 | 0 | 0 |
| 2819 | 0 | 0 |
| 2820 | 0 | 0 |
| 2821 | 0 | 0 |
| 2822 | 0 | 0 |
| 2823 | 0 | 0 |
| 2824 | 0 | 0 |
| 2825 | 0 | 0 |
| 2826 | 0 | 0 |
| 2827 | 0 | 0 |
| 2828 | 0 | 0 |
| 2829 | 0 | 0 |
| 2830 | 0 | 0 |
| 2831 | 0 | 0 |
| 2832 | 0 | 0 |
| 2833 | 0 | 0 |
| 2834 | 3.981 | 2.46822 |
| 2835 | 9.907 | 6.14234 |
| 2836 | 13.155 | 8.1561 |
| 2837 | 17.148 | 10.63176 |
| 2838 | 21.12 | 13.0944 |
| 2839 | 25.647 | 15.90114 |
| 2840 | 27.151 | 16.83362 |
| 2841 | 30.943 | 19.18466 |
| 2842 | 33.721 | 20.90702 |
| 2843 | 36.721 | 22.76702 |
| 2844 | 38.136 | 23.64432 |
| 2845 | 39.906 | 24.74172 |
| 2846 | 39.112 | 24.24944 |
| 2847 | 40.105 | 24.8651 |
| 2848 | 41.157 | 25.51734 |
| 2849 | 42.153 | 26.13486 |
| 2850 | 44.665 | 27.6923 |
| 2851 | 44.107 | 27.34634 |
| 2852 | 44.461 | 27.56582 |
| 2853 | 43.702 | 27.09524 |

| Time (s) | Speed (kph) | Speed (mph) |
|-----------------|--------------------|--------------------|
| 2854 | 42.85 | 26.567 |
| 2855 | 40.149 | 24.89238 |
| 2856 | 36.406 | 22.57172 |
| 2857 | 30.739 | 19.05818 |
| 2858 | 24.24 | 15.0288 |
| 2859 | 17.869 | 11.07878 |
| 2860 | 9.37 | 5.8094 |
| 2861 | 2.164 | 1.34168 |
| 2862 | 0 | 0 |
| 2863 | 0 | 0 |
| 2864 | 0 | 0 |
| 2865 | 0 | 0 |
| 2866 | 0 | 0 |
| 2867 | 0 | 0 |
| 2868 | 0 | 0 |
| 2869 | 0 | 0 |
| 2870 | 0 | 0 |
| 2871 | 0 | 0 |
| 2872 | 0 | 0 |
| 2873 | 0 | 0 |
| 2874 | 0 | 0 |
| 2875 | 0 | 0 |
| 2876 | 0 | 0 |
| 2877 | 0 | 0 |
| 2878 | 0 | 0 |
| 2879 | 1.648 | 1.02176 |
| 2880 | 7.981 | 4.94822 |
| 2881 | 14.136 | 8.76432 |
| 2882 | 20.101 | 12.46262 |
| 2883 | 24.105 | 14.9451 |
| 2884 | 27.151 | 16.83362 |
| 2885 | 30.962 | 19.19644 |
| 2886 | 33.721 | 20.90702 |
| 2887 | 36.721 | 22.76702 |
| 2888 | 38.17 | 23.6654 |
| 2889 | 41.157 | 25.51734 |
| 2890 | 44.924 | 27.85288 |
| 2891 | 45.72 | 28.3464 |
| 2892 | 46.48 | 28.8176 |
| 2893 | 46.116 | 28.59192 |
| 2894 | 47.517 | 29.46054 |
| 2895 | 47.813 | 29.64406 |
| 2896 | 47.757 | 29.60934 |
| 2897 | 46.12 | 28.5944 |
| 2898 | 46.109 | 28.58758 |
| 2899 | 47.109 | 29.20758 |
| 2900 | 49.387 | 30.61994 |
| 2901 | 49.125 | 30.4575 |
| 2902 | 49.11 | 30.4482 |
| 2903 | 49.961 | 30.97582 |
| 2904 | 49.368 | 30.60816 |
| 2905 | 48.831 | 30.27522 |
| 2906 | 48.461 | 30.04582 |

| Time (s) | Speed (kph) | Speed (mph) |
|-----------------|--------------------|--------------------|
| 2907 | 47.48 | 29.4376 |
| 2908 | 47.887 | 29.68994 |
| 2909 | 48.757 | 30.22934 |
| 2910 | 46.572 | 28.87464 |
| 2911 | 41.101 | 25.48262 |
| 2912 | 38.123 | 23.63626 |
| 2913 | 38.239 | 23.70818 |
| 2914 | 38.61 | 23.9382 |
| 2915 | 38.179 | 23.67098 |
| 2916 | 39.168 | 24.28416 |
| 2917 | 39.103 | 24.24386 |
| 2918 | 38.702 | 23.99524 |
| 2919 | 37.73 | 23.3926 |
| 2920 | 35.105 | 21.7651 |
| 2921 | 32.112 | 19.90944 |
| 2922 | 26.166 | 16.22292 |
| 2923 | 19.592 | 12.14704 |
| 2924 | 11.647 | 7.22114 |
| 2925 | 4.101 | 2.54262 |
| 2926 | 1.222 | 0.75764 |
| 2927 | 0 | 0 |
| 2928 | 0 | 0 |
| 2929 | 0 | 0 |
| 2930 | 0 | 0 |
| 2931 | 0 | 0 |
| 2932 | 0 | 0 |
| 2933 | 0 | 0 |
| 2934 | 0 | 0 |
| 2935 | 0 | 0 |
| 2936 | 0 | 0 |
| 2937 | 0 | 0 |
| 2938 | 0 | 0 |
| 2939 | 0 | 0 |
| 2940 | 0 | 0 |
| 2941 | 1.129 | 0.69998 |
| 2942 | 1.777 | 1.10174 |
| 2943 | 4.111 | 2.54882 |
| 2944 | 11.444 | 7.09528 |
| 2945 | 16.906 | 10.48172 |
| 2946 | 20.109 | 12.46758 |
| 2947 | 25.107 | 15.56634 |
| 2948 | 29.162 | 18.08044 |
| 2949 | 34.906 | 21.64172 |
| 2950 | 38.665 | 23.9723 |
| 2951 | 41.114 | 25.49068 |
| 2952 | 45.103 | 27.96386 |
| 2953 | 49.135 | 30.4637 |
| 2954 | 52.164 | 32.34168 |
| 2955 | 55.105 | 34.1651 |
| 2956 | 56.868 | 35.25816 |
| 2957 | 56.103 | 34.78386 |
| 2958 | 56.85 | 35.247 |
| 2959 | 56.905 | 35.2811 |

| Time (s) | Speed (kph) | Speed (mph) |
|---------------------|------------------------|--------------------|
| 2960 | 56.998 | 35.33876 |
| 2961 | 56.628 | 35.10936 |
| 2962 | 55.924 | 34.67288 |
| 2963 | 54.998 | 34.09876 |
| 2964 | 53.166 | 32.96292 |
| 2965 | 53.159 | 32.95858 |
| 2966 | 53.85 | 33.387 |
| 2967 | 50.166 | 31.10292 |
| 2968 | 48.831 | 30.27522 |
| 2969 | 42.776 | 26.52112 |
| 2970 | 34.443 | 21.35466 |
| 2971 | 25.918 | 16.06916 |
| 2972 | 14.144 | 8.76928 |
| 2973 | 6.101 | 3.78262 |
| 2974 | 1.833 | 1.13646 |
| 2975 | 0 | 0 |
| 2976 | 0 | 0 |
| 2977 | 0 | 0 |
| 2978 | 0 | 0 |
| 2979 | 0 | 0 |
| 2980 | 0 | 0 |
| 2981 | 0 | 0 |
| 2982 | 0 | 0 |
| 2983 | 0 | 0 |
| 2984 | 0 | 0 |
| 2985 | 0 | 0 |
| 2986 | 0 | 0 |
| 2987 | 0 | 0 |
| 2988 | 0 | 0 |
| 2989 | 0 | 0 |
| 2990 | 0 | 0 |
| 2991 | 0 | 0 |
| 2992 | 0 | 0 |
| 2993 | 0 | 0 |
| 2994 | 0 | 0 |
| 2995 | 0 | 0 |
| 2996 | 0 | 0 |
| 2997 | 0 | 0 |
| 2998 | 0 | 0 |
| 2999 | 0 | 0 |